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# The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3147  
VOL. CXXXII

JUNE 1, 1940

Annual Subscription (with  
Diary) 25/- Single Copies 9d.

## Heavily Advertised

PRESS SHOW MATERIAL MEDICAL PROPAGANDA PUBLIC VEHICLES

## -NO increase in Prices

AND NO DECREASE IN PROFIT . . .

## -and still a BONUS

### MEGGESON

Bismuth

### DYSPEPSIA TABLETS

This ready-made seller is backed not only by 140 years pharmaceutical experience, but also by every conceivable aid to modern selling and advertising. Accept this Bonus Offer now and earn still MORE from this real winner.

**Your Sales are  
assured - WRITE  
TODAY!**

### 13 TO DOZEN

(6 DOZ.)

### 14 TO DOZEN

(12 DOZ.)

### CASH WITH ORDER 5%



MEGGESON & CO. LTD. LLEWELLYN STREET, LONDON, S.E.16

Established 1796





●  
Send for  
Bonus Terms

Because of the security it confers in respect of protected price and assured profit, Euthymol is a sound line from which you can secure good and profitable business. It has been on the P.A.T.A. for over 30 years and has no sixpenny size.

**PARKE, DAVIS & CO., 50 BEAK ST., LONDON, W.1**



# Show 'Elasto'—It sells on Sight!

It's advertised as a Chemists' Line



## ONE SHILLING & THREEPENCE PROFIT ON EVERY SALE

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Legs, Phlebitis, Piles, Hardened Arteries, Heart Troubles, Rheumatism, Bad Circulation, etc. A tablet Remedy, easy to handle and reliable.



Retail Price 5/- per pkt. Wholesale 45/- per doz.

P.A.T.A.

SHOW MATERIAL GLADLY SENT FREE ON REQUEST

### The NEW ERA TREATMENT CO. LTD.

DEPT. C.

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

# Reliance gives notice:

That a Company recently incorporated as "Reliance Tyre & Rubber Co. (High Wycombe) Ltd." with its registered office in High Wycombe, having used the name "RELIANCE," the registered trade mark of the Reliance Rubber Co., Ltd., has undertaken and agreed as follows:

(a) Forthwith to apply to the Registrar of Companies for the change of their name from Reliance Tyre & Rubber Co. (High Wycombe) Ltd., to a name which does not incorporate the word "RELIANCE."

(b) Forthwith to block out entirely the word "RELIANCE" upon all signs and notices exhibited by them or on their behalf.

(c) Forthwith to destroy all dies and stamps in their possession or under their control upon which the word "RELIANCE" appears.

(d) Forthwith to destroy all stationery and other articles in their possession or under their control bearing the word "RELIANCE."



## RELIANCE RUBBER CO., LTD.

ESTABLISHED 1889

REGISTERED OFFICE & WORKS:

**CREMORNE WORKS, LOTS ROAD, LONDON, S.W.10**

Telephones: **FLAXMAN** 6200  
4263

Telegrams: **DOORSTOP, FULROAD,**  
LONDON.



# LIQUID ENERGY

## for PARASHOOTERS

**A.R.P., Aeroplane and Munition Workers, etc.**

The workers of Britain now need the last ounce of energy and this is most conveniently obtained from "Glucosol," which contains 40 per cent. of *pure glucose* in a lemon extract and is a sure source of vital force . . . readily acceptable to the palate and quickly assimilated. It is an ideal quick-acting tonic and restorative which has become a necessity in every war-time home.

### DISPLAY 'GLUCOSOL' BOLDLY IN YOUR WINDOWS & ON YOUR COUNTER

For invalids and convalescents, too, "Glucosol" is an invaluable aid to recuperation. Its value in cases of shock, fatigue and debility is obvious.

**P.A.T.A. 2/- per bottle**  
Containing  $\frac{1}{8}$  gallon

**Trade: 16/- per dozen**

# Glucosol

**THE FOOD BEVERAGE**



A Chemist's  
Friend Product



WG78a

JAMES WOOLLEY, SONS & CO. LTD., VICTORIA BRIDGE, MANCHESTER 3.



# LIVACLEAN

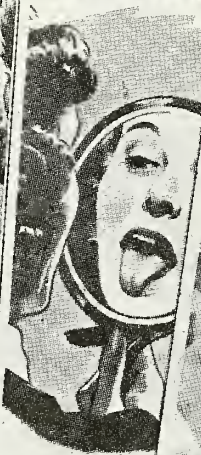
*advertising  
has now been  
released*

What tale  
does YOUR  
tongue  
tell?



Your tongue speaks for  
snatches. If undige-  
stion, clogging the intestines,  
is sour and liver sluggish  
will be coated and pale  
tongue dumbly asks  
For this blend of  
clears the inter-  
sweetens the stom-  
ach. Just  
sultry morning. If  
tongue and cheek  
weather is—phew!  
ALEX. C. MAC-  
—9d. and 1/4

CAN YOU  
look your  
tongue in  
the face



A pasty tongue in the morn-  
sign that your liver needs  
Waste matter is being  
intestines which ought to

HOW IS  
Your  
TONGUE  
TO-DAY?



LIVAC  
FOR  
HEAL

Can you look your  
tongue in  
the face?



A pasty tongue in the morn-  
ing is the sign that your liver needs  
rousting. Waste matter is being  
left in the intestines which ought  
to be cleared away. Your  
digestion and elimination need a  
little gentle help. Livaclean Salt  
looks after such matters in the  
pleasantest way imaginable.  
A bubbling, freshening glass every morning  
sweetens stomach and temper! Tongue and  
skin glow with health when

The 1940 advertising for Macleans' effervescent LIVACLEAN SALT has made its appearance. Week by week it will remind more than 15 MILLION newspaper readers in a most effective way that "Livaclean Salt for Health" is the golden rule to follow this summer.

Link up your window and counter and take your share of the profit. But don't risk disappointing customers.

*The Special Profitable  
Display Offer for*  
**LIVACLEAN**  
*Ends on June 30<sup>th</sup>*

Take full advantage of this by  
sending us your orders *Now!*

Macleans Ltd., Great West Road, Brentford, Middlesex  
Telephone: Ealing 6616      Telegrams: Macleans, Brentford

**LIVACLEAN SALT FOR HEALTH**



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A NAME IT IS SAFE TO RECOMMEND...

W. J. Rendell

PRODUCTS  
FOR FEMININE HYGIENE

W. J. RENDELL LTD. HARDWICK HOUSE, 161-5 ROSEBERY AVENUE, LONDON, E.C.1. (4)

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PRICES. 1/9 (ready for use) size, 14/- per dozen. 3/6 (concentrated) size, 28/- per dozen.

# NESTOL

"MAKES BABY'S HAIR GROW CURLY"

## COMPETITION

To still further interest parents in their very popular line, the proprietors of Nestol have inaugurated a simple competition where numerous cash and other prizes are offered for pretty kiddies' photos. This competition, which ends on June 18, is being well advertised. The first advertisements are now appearing and will be followed up consistently in national and provincial papers. A window or counter display of Nestol at this time will add to the sales of this famous Nestlé product. Nestol is packed in two sizes.

## ALURA

This famous colour wave set is made in five colours—one for every shade of hair, and Natural for white or bleached hair. 1s. per large bottle, 8s. per doz.; 6-doz. lots at 7s. 9d. For Saloon use—from 3s. 6d. per bottle. Beautiful containers free.

## HAIR BEAUTY OUTFIT

### Colorinse

A complete outfit containing (1) the famous Colorfoam Shampoo, (2) "Colorinse" which perfects the shade as it rinses and makes a 'perm' last longer. There is a Colorinse outfit to match every shade of hair. Retail price, 6d. Trade price, 4s. per doz.

**C. NESTLÉ & CO., LTD.**

(Dept. C.D. 1) 465 Holloway Rd., London, N.7



**THE ORIGINATORS**

Telephone . . . ARChway 1184



---

# VITAMIN PREPARATIONS

included in the  
**SECOND ADDENDUM to the B.P. 1932**

*We are able to supply the following:—*

Emuls. Ol. Vitamin.

Ext. Malt. c. Ol. Vitamin.

Liq. Vitamin. A Conc.

Liq. Vitamin. D Conc.

Liq. Vitamin. A et D Conc.

Ol. Vitaminatum

*We also invite enquiries for*

*Vitamin A Concentrate (100,000 I.U. per gramme)*

*prepared by molecular distillation*

*Calciferol (pure crystalline Vitamin D)*

*for use in the manufacture of the B.P. preparations.*

**THE BRITISH DRUG HOUSES LTD. LONDON N1**

---

# Sales increasing every month!



# SANIDENT

the  
biggest value  
in Denture Cleansers

No other perborate denture cleanser offers the same **quantity** in relation to cost. Withal, the **quality** of Sanident is unsurpassed and rarely does a "first sale" fail to make a regular customer.

Many dentists now recommend Sanident to their patients.

There is a profit to the Chemist of 6d. on every bottle sold.

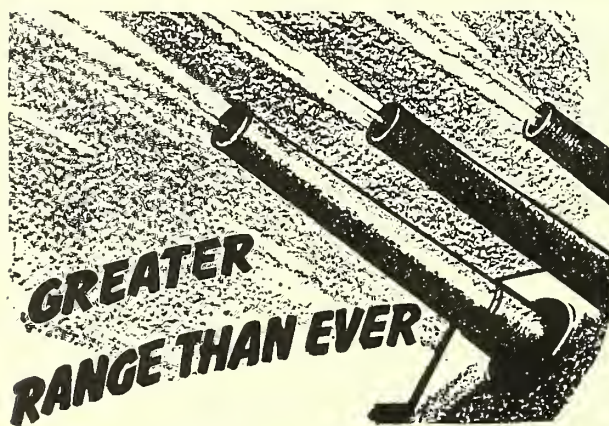
Every assistance in sales aids is given to the stockist of Sanident. Various show material is available as required.

Retail **1/3** per bottle.

Trade price **9/-** per doz.

THORNTON & ROSS LTD., LINTHWAITE, HUDDERSFIELD

TR 85



**SALES OF "VASELINE" HAIR TONIC  
HIT NEW RECORD IN 1940**

WAR-TIME sales of "Vaseline" Hair Tonic have beaten all peace-time records. There is no increase in price and no shortage. The margin of profit to the Trade makes this popular line a first rate proposition for displaying. "Vaseline" Hair Tonic and "Vaseline" Soapless Shampoo are available through your usual Wholesaler on bonus terms. Each dozen is invoiced as eleven only (12 sent, 11 charged for).

**Vaseline**  
HAIR TONIC

Write for attractive display material to:—  
CHESEBROUGH MANUFACTURING CO. LIMITED  
Victoria Road, London, N.W.10

4893

# BRITISH MADE



**THE BLADE THAT MAKES YOUR FACE SMILE!**

**NOW an All-British product**

Obtainable through your usual Wholesalers

TRADE ENQUIRIES INVITED

LONDON & PROVINCIAL FACTORS, LTD.  
146 THEOBALD'S ROAD - - LONDON, W.C.1



# ANNOUNCING

# Wisdom<sup>REGD.</sup>

## THE TOOTHBRUSH WITH NYLON TUFTS

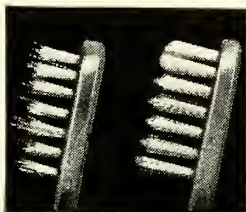
*Will it supersede the bristle brush entirely?*

*Why it will pay you to stock Wisdom Nylon now!*

**N**YLON is revolutionary. You may have read about this super-plastic made from coal, water and air. Its elements are carbon, hydrogen, oxygen and nitrogen. The secret of Nylon lies in its long molecules, which bind into a material of even greater strength when stretched. Nylon is not a substitute for bristle. It is a scientific improvement costing much more than *best bristles*. When a Nylon-tufted brush was introduced in America it became almost overnight the biggest seller in the biggest line of branded brushes sold in America. The same thing will happen here.

Addis now introduce Nylon to this country in the Wisdom Toothbrush. Here is a test result which shows just how much better the Wisdom Toothbrush is:

*On the left is a best bristle brush after a test which consisted of 70,000 scrubs on a bank of glass rods. On the right is a Wisdom Nylon brush after the same test. The conditions of test were identical for both brushes.*



Nylon is also water-resisting. These points and the new, more convenient shape of the Wisdom Toothbrush will be illustrated in a national advertising campaign.

### IMPORTANT

*Real Profit-making terms  
on Wisdom Toothbrush*

**RETAIL PRICE 2/- P.A.T.A. — TO YOU 14/6 A DOZ.**

Although Nylon costs much more than best bristles, we give you these generous terms, as well as supporting Wisdom with the boldest toothbrush campaign ever carried out in Britain. Remember that P.A.T.A. means fair trading

— you will NOT find Wisdom Toothbrushes in the cut-price shops. Stock up with the Wisdom Toothbrush now — you are bound to get quick sales as American experience with a Nylon-tufted brush proves.

**SPECIAL OFFER — FREE WITH ORDER  
FOR 6 DOZEN —  
A BEAUTIFUL DISPLAY DEMONSTRATOR**

Addis made the first bristle toothbrushes in 1780. It stands to reason that Addis would not risk a reputation built up over 180 years unless they were supremely confident that Nylon will do all that is claimed for it. Because it is backed by Addis, then you may be certain that Nylon is going to sweep the field. It will not take the public long to discover which is the better — sales will come quickly.

# Wisdom<sup>REGD</sup>

TOOTHBRUSH WITH NYLON TUFTS

*Made by Addis*

**STOCK UP NOW — ADVERTISING BEGINS JUNE 17th**

# COTTON WOOL...

**ABSORBENT LINT.** Plain and Boric Lint, Medicated Lint, etc.

**BANDAGES.** White Open Wove, Grey, Flannel, Domette, Calico, Crepe, etc

**ABSORBENT GAUZE.** Of all qualities, Plain and Medicated,

**FIRST AID.** First Aid Dressings, First Aid Cabinets, Sundries, Standard Dressings, etc

*Qualities for all purposes. Coloured for Bacteriological work. Non-Absorbent. Medicated, etc.*

• Samples and Prices of any of our manufactures will be gladly supplied on request.

## ROBERT BAILEY & SON LTD.

SURGICAL DRESSING MANUFACTURERS

Dysart St., Great Moor, Stockport, Cheshire. Sentinel House, Southampton Row, London, W.C.1  
 'Phone: Great Moor 3006 (2 lines) 'Grams: "Undisputed, Ofiservis, Westcent, London"  
 'Grams: "Undisputed, Stockport"

**Elastoplast**  
 TRADE MARK BRAND

## BANDAGES & DRESSINGS

Prescribed by the  
 Medical Profession

T. J. SMITH & NEPHEW, LTD. NEPTUNE ST., HULL

## SOMETHING NEW FOR CHEMISTS

Retail  
 1d.  
 each



Retail  
 4  
 for  
 4d.

The Slotted "Major" Blade fits  
 Three-peg and Bar-Type Razors.

SAMPLE AND TERMS FROM—

**DOMINION STEEL CORPN., LTD.**  
 FLEET WORKS, QUEEN'S ROAD, SHEFFIELD, 2

## GOODWILL SURVIVES!

Goodwill is an asset which the war need not destroy. On the contrary, in these difficult times you should redouble your efforts to maintain the confidence of your customers. With Burge, Warren & Ridgley as your suppliers of Druggists' Sundries, Toilet Requisites, Birth Control Appliances, etc., you know that the satisfaction of your customers is assured. Since 1850 we have been steadily enhancing our reputation by our policy of selling quality lines at competitive prices. Our experience and genuine desire to co-operate with you to the fullest extent are today worth more to you than ever before.

**BURGE, WARREN & RIDGLEY, LTD.**

91-92 Saffron Hill, London, E.C.1

TELEPHONE: HOLBORN 0050  
 TELEGRAMS: "DRUGSUND SMITH, LONDON"

ESTABLISHED 1850

## VETERINARY COUNTER PRACTICE

(NEW AND REVISED EDITION. 480 pages.)

This book describes diseases of horses, cattle, sheep, goats, pigs, dogs, cats and poultry and suitable remedies therefor.

Special chapters are allotted to infection, Immunity, vaccine therapy and posological tables. Legal information is included in regard to veterinary practice—the use of Methylated Spirit in veterinary preparations, The Contagious Diseases (Animals) Act, Protection of Animals Act, 1911, Animals Anæsthetics Act, 1919, and a useful list of Ministry of Agriculture publications. Many tried and tested veterinary formulæ are included. This book supplies up-to-date information on veterinary matters in accurate and concise form. It quickly repays its moderate cost.

Price 10/- 10/6 post free

Send your order at once to

THE PUBLISHER

The  
**CHEMIST AND DRUGGIST**  
 28 ESSEX STREET, STRAND, LONDON, W.C.2



# MERITOR TOOTHBRUSHES

*have been steadily nationally advertised for 2 years!*



DON'T FORGET YOUR

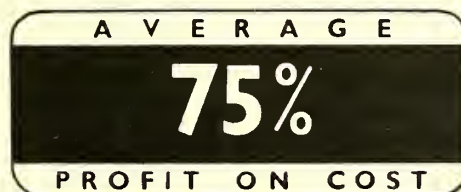
**MERITOR  
TOOTHBRUSH**

MAW OF LONDON  
MERITOR CHEMISTS' SUNDRIES



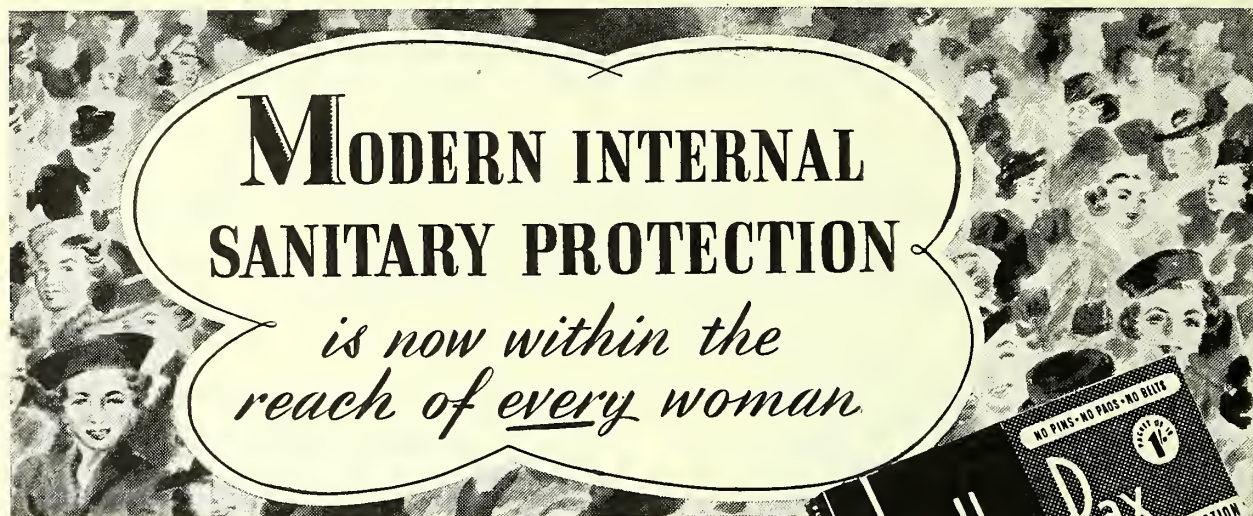
*✓ The only advertised  
range that gives this  
exceptional all round  
margin of profit.  
✓ Current advertising  
in Picture Post, Punch,  
Radio Times Express,  
Mirror, Good Housekeeping  
Woman and Beauty etc.*

- HUNDREDS OF ATTRACTIVE MERITOR PRODUCTS  
HELP YOU TO KEEP THIS BRAND FAMOUS



B Y M A W O F L O N D O N





**MODERN INTERNAL  
SANITARY PROTECTION**

*is now within the  
reach of every woman*

● Thousands of women who have been deterred from using this modern, more hygienic form of sanitary protection regularly because of price, will now buy HOLLY-PAX every month. Internal sanitary protection at the popular price of SIX for 6d., 12 for 1/-, means *hundreds of new customers for YOU*. Place your order for HOLLY-PAX now.

Packets of 12 Tampons—  
**WHOLESALE 9/- PER DOZEN RETAIL 1/- EACH**

Packets of 6 Tampons—  
**WHOLESALE 4/6 PER DOZEN RETAIL 6d. EACH**

Sole Distributors:

**SPLENDOR LTD.** 5 Beeston Hill  
NOTTINGHAM



**GARDINERS**  
*for* **OVERALLS**



**HIGH GRADE  
OVERALLS**

**LONG COATS**  
White, Khaki or Grey  
7/6, 9/6, 11/6  
Super Quality, specially shrunk,  
13/6

**LONG COATS**  
White, Khaki or Grey, hard  
wearing  
**SPECIAL OFFER 6/5**

**SHOP JACKETS**  
Super White Drill  
4/11, 5/11, 8/6

**ALPACA JACKETS**  
(for the warm weather)  
A large selection at all prices

We hold a large and varied stock of every kind of protective clothing. Special attention to Post Orders. Cash refunded if not approved. Postage paid on orders over £1.

Write or phone **BISHOPSGATE**  
6751 for illustrated Price List

**GARDINER & CO. (THE SCOTCH HOUSE) LTD.**  
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1  
OPPOSITE THE NEW ALDGATE EAST STATION

THE  
"MATER"

**CLINICAL** REGD.  
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

**ALL TYPES OF  
CLINICAL  
AND OTHER  
THERMOMETERS**

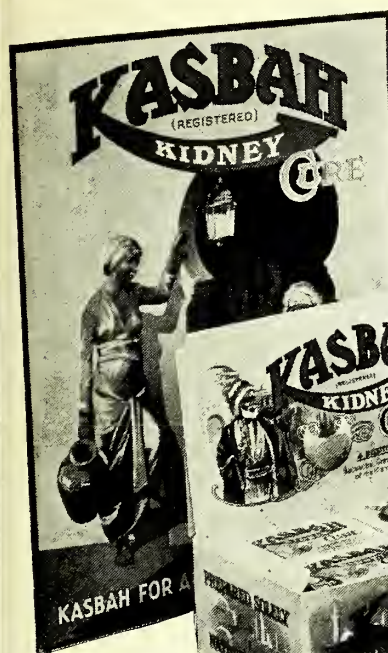


**PERKEN, SON  
& CO. LTD.**  
(ESTABLISHED 1852)

Price List on Application:  
**8 HATTON GARDEN,  
LONDON, E.C.1**

Telephone: 0724 Holborn  
Telegrams: "Optimus, Smith, London"





# HERBAL

*'Best Sellers'*

## KASBAH KIDNEY CURE



Retail prices protected by P.A.T.A.  
Packed in display outers with complete show material as illustrated

★ A POSITIVE CURE FOR  
BACKACHE, GRAVEL  
AND ALL KIDNEY AND  
BLADDER DISEASES

9d. Packets . 5/- Doz.

## POTTER'S CLEANSING HERBS

FOR INNER CLEANLINESS

For cleansing the stomach,  
liver, kidneys and intestines

7d. Pkts. . . . . 4/- Doz.

10d. Pkts. . . . . 5/9 Doz.

The 10d. PACKETS ARE SENT OUT IN DELIGHTFUL  
COLOURED SHOW OUTERS AND MAKE AN ATTRACTIVE  
WINDOW DISPLAY

Each carton of a dozen contains 6 FREE samp'rs



# POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.1

Phone: B1Shopgate 4761 (6 lines)

Grams: "Horehound, Phone, London"

Also at — 77 DANTZIC STREET, MANCHESTER



ESTABLISHED  
1904

*Specialists*  
*in the manufacture*  
*of*  
*Tablets*  
*and*  
*Pills*

Over 30 years of Specialised  
Manufacturing Experience  
assure you of

**QUALITY and ACCURACY**

Our PRICES are COMPETITIVE

"Own Brand" printing for packed lines if required  
Special Quotations for Wholesale Quantities  
packed or in bulk

**PROPRIETARY REMEDIES**

We exercise the greatest care in the manufacture  
of proprietary lines and can supply either in  
bulk or ready packed for market including  
printing special designs of labels and cartons

*The*  
**Cooper Laboratory**  
*Watford*

Telephone :  
3612

Telegrams :  
"Science"

**Johnson & Johnson**  
(GT. BRITAIN) LIMITED

*announce*

that from July 1st, 1940, Baby Powder  
will not carry a Bonus and that the 2/-  
tin (large size) will be discontinued for  
the period of the war. Quantity rates  
on the 1/- tin will remain as before,  
i.e. 3 dozen 8/3, 6 dozen 8/2, 1 gross  
8/- and 2 gross 7/6. Display material  
will be available as usual.

**Don't leave**  
your "**D & P**" Service  
to chance

Send it to

**ENSIGN  
SNAPSHOT  
SERVICE**

**Quality work.  
Prompt service.  
Liberal discount.  
Finest materials.  
Special miniature  
Service**

FINISHERS  
TO THE  
TRADE FOR  
40 YEARS

*Write for price list.*

Ensign Snapshot Service, Victoria Rd., Walthamstow, E.17



## Sugar Economy in Dispensing

The Therapeutic Requirements Subcommittee of the Medical Research Council recommends the use of equivalent compressed products in place of certain syrups (*Lancet*, April 6, 1940, page 660).



### TRADE MARK 'TABLOID' BRAND CHEMICAL FOOD

dr. 1/2 and dr. 1 (sugar-coated)

Equivalent to corresponding doses of official Compound Syrup of Iron Phosphate. Commonly known as Parrish's Syrup.

### TRADE MARK 'TABLOID' BRAND EASTON SYRUP

dr. 1/2, dr. 1, 2 c.c. and 4 c.c. (sugar-coated)

Equivalent to corresponding doses of Easton Syrup, B.P.

### TRADE MARK 'TABLOID' BRAND HYPOPHOSPHITES COMPOUND

gr. 1 1/2 and gr. 3 (plain or sugar-coated)

Equivalent to dr. 1/2 and dr. 1 respectively of Compound Syrup of Hypophosphites, B. W. & Co.

### TRADE MARK 'TABLOID' BRAND GLYCEROPHOSPHATES COMPOUND

dr. 1/2 and 2 c.c. (sugar-coated)

Equivalent to dr. 1/2 and 2 c.c. respectively of Syrup of Glycerophosphates.




### TRADE MARK 'TABLOID' BRAND THREE SYRUPS

dr. 1 (sugar-coated)

Represents Easton and Parrish's Syrups with Compound Syrup of Hypophosphites.

Each in bottles of 25 and 100 products

In dispensing 100 'Tabloid' Chemical Food in place of the equivalent volume of Parrish's Syrup you effect a saving of over 1/2 lb. of sugar after due allowance is made for that used in the sugar-coating. In dispensing 100 'Tabloid' Easton Syrup in place of the equivalent volume of the Syrup you effect a saving of over 1/4 lb. of sugar. These are two striking examples of the advantages of the 'Tabloid' products, but remember also their accuracy, reliability and unique keeping qualities.

1/2 lb. OF SUGAR SAVED		
		
100 'Tabloid' Chemical Food, dr. 1	12-1/2 fl. oz. of Parrish's Syrup	1/2 lb. of sugar



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## THE VOGUE IS FOR NATURAL BEAUTY

TO-DAY the really well made-up woman is the one whose charms have all the unsophisticated illusion of nature. Subtlety is the secret and a great deal of trouble is taken to give the impression that no trouble, in fact, has been taken at all! Naturally this calls for a good deal of knowledgeability and the use of precisely suitable cosmetics.



*Watch Beauty  
come to life!*

"I defy your nearest and dearest to know that faint blush is not your own" says one of Britain's best-known beauty experts writing of Gladys Cooper's Blush Rouge. Drift the least touch of this ultra fine powder on to your cheek (a tiny puff is provided) and see the natural tone of your skin come alive under its touch. Yes, the colouring is your very own—but magical now in its witchery!



## THE DEMAND ★ IS FOR ★ *Gladys Cooper's* ★ ★ NATURAL ★ BLUSH ROUGE

THOUSANDS of women to-day suffer from over-pale complexion—or incur it by fatigue and late hours. Yet many of them dread the use of rouge—so often harsh and 'made-up' in its effect.

### Rouge—with a difference

To all these women this message of Gladys Cooper's Blush Rouge in ultra-fine powder form will come as a welcome revelation and a promise of new personal charm. This is the story told in the attractive new series of advertisements now appearing.

### A National message

These advertisements are appearing in GOOD HOUSEKEEPING, BRITANNIA AND EVE, WOMAN, WOMAN AND BEAUTY, WOMAN'S FAIR, WOMAN'S WEEKLY, WOMAN'S SPHERE, WOMAN'S ILLUSTRATED, HOME CHAT, HOME NOTES, and PICTURE SHOW. The advertising is supported by the recommendation of leading beauty editors of women's magazines, including Ann Seymour, Betty Brand, Frances Loring, Helen Temple, Jane Clare, Jean Barrie, Mary Scott, Muriel Cox, Gillian and Vanity Fayre, and the beauty editors of VOGUE, WELDON'S, BRITANNIA AND EVE and WOMAN'S WEEKLY.

### A "prosperous" sales line

It will bring a great new volume of business to every dealer who is ready to feature Gladys Cooper's Preparations boldly in his windows and showcases. Here also is your opportunity to introduce to your customers the entire range of Gladys Cooper's Preparations—a regular selling line that creates goodwill and will yield you generous and steady profits.

IF YOU DO NOT ALREADY STOCK *Gladys Cooper's* BEAUTY PREPARATIONS WRITE NOW FOR YOUR FIRST ORDER AND FREE DISPLAY MATERIAL



# The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

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## NEWS OF THE WEEK

**Subscription Rates.**—Owing to the heavy rise in the cost of publication of THE CHEMIST AND DRUGGIST the annual subscription has been increased to £1 5s. from June 1, 1940.

**Essential Oils Trade Meeting.**—A representative meeting of members of the essential oils trade was held at the London Chamber of Commerce, 69 Cannon Street, E.C.4, on May 27, when the following advisory committee representing merchants, agents and manufacturers was formed:—*Chairman*, Dr. P. C. C. Isherwood (managing director, W. J. Bush & Co., Ltd.); *Merchants*, R. C. Treatt & Co., Ltd., and Wilson & Mansfield, Ltd.; *Agents*, Sidney G. Field and A. W. Munns & Co.; *Manufacturers*, A. Boake Roberts & Co., Ltd., and Stafford Allen & Sons, Ltd.

**Imports Prohibition.**—The Board of Trade has issued Import of Goods (Prohibition) Orders, Nos. 19 and 20. The former adds resin (colophony) to Group 12 of the First Schedule of the Import of Goods (Prohibition) (Consolidation) Order, 1939. Order No. 20 amends the First Schedule as follows:—In Group 4 there shall be inserted: May 28, 1940. Manufactures wholly or mainly of asbestos. In Group 4 the exception under the heading "Glass and glassware, etc." for "vacuum flasks, vacuum jars, and similar vacuum vessels and glass inners therefor" shall be cancelled and accordingly the words from "(a) vacuum" to "therefor, (b)" shall be deleted, under this heading there shall be inserted: May 28, 1940. Vacuum flasks, vacuum jars and similar vacuum vessels, whether fitted or not, parts thereof and blanks therefor. Copies of the Orders (1d. each) may be obtained from H.M. Stationery Office, Kingsway, London.

**War Risks Insurance Act.**—An Order-in-Council amending the War Risks Insurance Act, 1939, has been made. Its principal effect is to make insurable under Part II of the Act goods which are supplied under contracts for work, labour and materials. On and after June 3 the insurance of such goods will be compulsory and prior to that date it will be voluntary. Goods of any description excluded from insurance under Part II of the Act by virtue of an Order made under Section 11 (4) of the Act remain uninsurable. Applications for insurance should be made to the Fire Insurance Companies or to Lloyd's, who are acting as the agents of the Board of Trade for this purpose. Part II of the War Risks Insurance Act at present applies only to goods which are owned by persons carrying on business as sellers of goods in the course of such business. The Board of Trade have been advised that the Act does not apply to goods which are supplied under contracts of work, labour and materials, and the effect of the new provision is to bring the two classes into line for purposes of war risk insurance.

**Debts Due from Enemies.**—The President of the Board of Trade has decided to establish a register of debts and other moneys due to persons in the United Kingdom from enemies. It is emphasised that this step is being taken solely with a view to facilitate any settlement that may be found possible after the war and must be regarded as without prejudice to the scope or method of any such settlement. The entry in the register of any claim will not imply any recognition of its validity nor constitute any guarantee that it will eventually be met. Persons desirous of registering such debts with the Board of Trade should apply for the necessary forms to the Assistant Secretary for Finance, Board of Trade, Romney House, Marsham Street, Westminster, S.W.1. Debts which are insured by the Export Credits Guarantee Department either for insolvency or for transfer risk should be registered by the British exporter even though the claim under the policy has been met by the Export Credits Guarantee Department. Such registration will be made on a special form, and insured exporters should accordingly apply for Form E.D.2. For the purpose

of this register, the expression "enemy" means: (a) any State, or Sovereign of a State, at war with His Majesty; (b) any individual resident in enemy territory; or, (c) any body of persons constituted or incorporated in, or under the laws of, a State at war with His Majesty; and the expression "enemy territory" includes areas in the occupation of a power with whom His Majesty is at war, not being an area in the occupation of His Majesty or of a power allied with His Majesty.

**"Adopted" Trawler Lost.**—H.M. Trawler Rifsness, the loss of which has been officially announced, was the ship which had been "adopted" by W. B. Cartwright, Ltd., Rawdon, near Leeds; the last parcel of comforts had been sent to the Rifsness the day before its loss was made known.

**Society's Secretary at Margate.**—An address on "Legal Problems in Pharmacy" was given to the Isle of Thanet Branch of the Pharmaceutical Society at Margate, on May 14, by Mr. R. N. Linstead (secretary, Pharmaceutical Society). Mr. W. D. Richards (chairman) introduced Mr. Linstead. The speaker referred to recent and impending legislation. Messrs. W. R. Jones, E. J. White, C. W. Hewlett and G. E. Davis put questions, with which Mr. Linstead dealt. A vote of thanks was proposed by the president (Mr. S. G. Court) and seconded by Mr. M. S. Hughes.

**Pharmacy Act Prosecutions.**—At Croydon, recently, W. G. Clare, Surrey Street, was fined £5 for unlawful use of the title "chemist" on a sign "chemist—open" on his door.—Arthur R. Lane, Brighton Road, was fined £2 for the unlawful sale of a proprietary preparation containing codeine. For a similar sale, H. H. Wade, Wallington, was fined £7.—At Macclesfield Police Court, recently, Emmeline Laidlaw, Hurdfield Road, was summoned for the unauthorised sale of a proprietary preparation containing codeine in a container not properly labelled. The charges were dismissed on the payment of costs.

**Harrow Branch Annual Meeting.**—The Harrow Branch of the Pharmaceutical Society held its annual meeting recently, Miss M. C. Islip in the chair. Mr. G. Lowe was elected *Chairman*; Mr. F. J. Conduit, *Treasurer*; Mr. J. F. McNeal, *Secretary*; Mr. G. Sumner, *Auditor*; and Mesdames Crump, Hill and Islip, Messrs. Davis, Foulds, Garibaldi, Price and Vallans, *Committee*. Miss Islip and Messrs. Conduit, Lowe and McNeal were appointed delegates to the Conference. Matters discussed included the new building, and also the subject of amalgamation of the local Chemists' Association with Branches of the Pharmaceutical Society and National Pharmaceutical Union.

**Reading Branch Visits Shinfield.**—About forty members and friends of the Reading Branch of the Pharmaceutical Society visited Shinfield (war-time home of the Pharmaceutical Society's pharmacological department) on May 22. Dr. Katherine Coward and Dr. Dyer received the guests. The rat-house consists of a one-time piggy. In the laboratory, where biological assays were in progress, the use of Dyer's scale of degrees of healing was explained. Samples of standard vitamins were on view. After refreshments a vote of thanks was proposed by Miss L. Croft, seconded by Mrs. Sherwood. A sum of £3 2s. 6d. was collected for the Anglo-French Ambulance Corps appeal.

**Doncaster's Second Annual Meeting.**—At the annual meeting of the Doncaster Branch of the Pharmaceutical Society, on May 22, Mr. L. F. Addey, Rossington, was unanimously re-elected *Chairman*. Mr. J. Williamson, Sprotborough, announced that pressure of business compelled him to resign his office as *Secretary* but that he would assist in any other capacity. Mr. J. A. Moglia, Doncaster



(retiring treasurer), was appointed *Secretary* and *Treasurer*, and Mr. J. A. Cooke, Balby, was re-elected *Vice-Chairman*. Newcomers to the *Committee* are Messrs. A. Jones and A. G. Simpson, and the re-elected members are Messrs. A. W. Ardagh, D. L. Carter, E. M. Fox, J. Hall, T. G. Lockwood, J. Moyes, H. W. Shaw, and H. I. Weldrick. Messrs. J. Hall and J. A. Moglia (secretary) were delegated to represent the Branch at the London Conference.

**Cambridge Branch Annual Meeting.**—At the annual meeting of the Cambridge Branch of the Pharmaceutical Society on May 9, the following officers were elected: *Chairman*, Mr. A. A. Deck; *Vice-Chairman*, Messrs. E. S. Peck and C. C. Greensmith; *Treasurer*, Mr. J. B. Simmons; *Secretary*, Mr. W. Heap; *Assist. Secretary*, Mr. N. Fowler; *Auditor*, Mr. E. E. Orange; *Committee*, Miss Hart and Messrs. A. B. Barnard, G. E. Gutter, B. S. Campkin, J. Evans, F. E. Harris, J. M. Palmer, M. E. Parson, and L. W. Stearn. Messrs. J. Evans and J. B. Simmons were elected delegates to the British Pharmaceutical Conference. Mr. W. Deacon (president, Pharmaceutical Society) addressed the meeting on "Pharmacy Today." Members afterwards criticised the inadequate dispensing facilities in certain institutions, the status of pharmacists in the forces, the financial position of the Society and the policy of the Publications Committee of the Council. Mr. Orange proposed and Mr. Harris seconded a vote of thanks.

**Withdrawal of Authorities.**—The Home Secretary has withdrawn from Henry Joseph Constantine Churchill, M.R.C.S., Eng., L.R.C.P. (Lond.), 80 Berkeley Court, London, N.W.1, and John Hunt, M.B., B.Ch., 9 Osborne Road, St. Annes, Lancs, the Authorities granted by the Regulations made under the Dangerous Drugs Act, 1920, to duly qualified medical practitioners to be in possession of and to supply any drug or preparation to which the Dangerous Drugs Regulations, 1937, or any drug to which the Raw Opium, etc., Regulations, 1937, apply. In consequence, the above-named practitioners are not now authorised persons for the purpose of the Dangerous Drugs Regulations and any person, who supplies those practitioners with any of the drugs or preparations to which the Dangerous Drugs Regulations, 1937, or the Raw Opium, etc., Regulations, 1937, apply, or who supplies any of the drugs or preparations, to which the Dangerous Drugs Regulations, 1937, apply, on a prescription given by those practitioners, will commit an offence against the Dangerous Drugs Acts.

**Wolverhampton Mutual Assistance Scheme (Air Raids).**—Under this title the Wolverhampton Branch of the National Pharmaceutical Union has completed a scheme to give immediate practical assistance to chemists whose stocks become damaged or destroyed through air raids. The committee felt the necessity of maintaining continuity of dispensing and supply services to the public. A skeleton stock was worked out, each participant agreeing to supply his quota of drugs, patents, dressings, sundries and packed lines. The stock contains about 700 different items. Should a member of the scheme have his stock badly damaged, part or whole of this skeleton stock would be delivered to him within a few hours. If he escaped injury he would be enabled to carry on, either in his own or alternative premises, until he received bulk supplies from his usual wholesaler. Should he receive injuries, several members, having qualified partners and managers, have offered their services until a locum can be obtained. Certain conditions have to be fulfilled for efficient working of such a scheme, and readers interested are invited to write to Mr. J. Dyson, Penn Fields Pharmacy, Wolverhampton.

**Manchester N.P.U. Branch.**—The annual meeting of Manchester and Salford Branch of the National Pharmaceutical Union was held on May 2, Mr. H. Steinman in the chair. The report of the executive was read by the secretary (Mr. T. Miller) and the treasurer (Mr. G. H. Haines) submitted his annual report and balance sheet. All old members of the executive were re-elected with the addition of Mr. H. G. Pilling. The auditor (Mr. J. W. Bygoth) was thanked and re-elected, and votes of thanks were accorded to the chairman, officials, and Pharmaceutical Committee. Mr. R. H. Kemp (local organisation officer of the Union) gave an address on "War-time Business Problems." He said that in the last war machinery had to be devised to deal with trade matters but in the present war every business had its own organisation and the Government made use of and valued the co-operation of these organisations. The Prices of Goods Act affected things sold by chemists. If complaints were made to the local price committee about non-scheduled articles they might be made the subject of an inquiry. Any chemists affected by such a complaint should immediately get in touch with the N.P.U. who would advise on the best methods of dealing with the matter. In discussion following the address price-cutting of malt preparations was mentioned, and it was suggested that the Union Executive should try to obtain a seat on the Malt Association Council in order to secure, if possible, a measure of control of the retail prices. A vote of thanks to Mr. Kemp was proposed by Mr. Cronin, seconded by Mr. W. I. Scholes and supported by Mr. G. H. Haines.

**Birkenhead Open Meeting Discusses Closing Hours.**—Under the auspices of the Birkenhead and Wirral Pharmacists' Association an open meeting of chemists was held at Birkenhead on May 21 to discuss closing hours. Mr. G. L. Hale presided. The Pharmaceutical Committee had been asked by the Panel Committee to reconsider chemists' closing hours, but it was thought this was a matter that should be decided by chemists themselves. A resolution that the closing hours should be 7.30 p.m. from Monday to Friday (early-closing day excepted) received nine votes, while an amendment (which received eighteen votes), that closing hours should remain at 7 p.m. from Monday to Friday and 8 p.m. on Saturdays, was carried, a rider being added that should the occasion arise, chemists would be willing to alter the closing hour on ordinary week nights to 7.30 p.m., or even later, as a war-time measure. The secretary (Mr. R. G. Collins) reported on twelve letters from absent chemists who did not wish to depart from the 7 p.m. closing hour. During the discussion it was pointed out that many chemists lived on the premises and could make up urgent prescriptions after the shops were closed. Several other members had undertaken Air Raid Precautions work. Sixteen subscriptions of 2s. 6d. were collected towards the Association's quota of £7 6s. in support of the Anglo-French Ambulance Corps' appeal.

## IRELAND

**Business Change.**—Mr. I. R. Mackey, M.P.S.I., formerly of Bray, has recently acquired the business carried on by Mr. R. Bates, M.P.S.I., Lower Drumcondra Road, Dublin.

**Lecture on Poisons Law.**—Students entering for the July examinations of the Pharmaceutical Society of Ireland are invited to attend a lecture to be given by the Registrar (Mr. J. J. Kerr) on June 12. Admission free by ticket obtainable from the office of the Society, 67 Lower Mount Street, Dublin.

## SCOTLAND

**Rotary President.**—Mr. A. F. McIntosh (managing director, Thomas Harley, Ltd., Perth) has been appointed president of the Perth Rotary Club.

**General Council of Panel Chemists.**—Mr. Colin Campbell (superintendent chemist, Scottish Co-operative Wholesale Society, Ltd., Glasgow) has been elected a member of the General Council of Panel Chemists (Scotland) by the bodies corporate in Scotland, in place of Mr. George McV. Abercromby (formerly superintendent chemist, St. Cuthbert's Co-operative Association, Ltd.), retired.

**Awards at Aberdeen.**—The quarterly meeting of the Aberdeen Pharmaceutical Association on May 14 was made the occasion for the annual presentation of evening-class prizes and Petrie Trust Bursary award. The Lord Provost gave an address to the students, after which he presented the prizes as follows:—*First year*: 1, W. Black; 2, John Abel; 3 (equal), Miss F. M. Buick, Miss W. M. Gove, Mr. J. M. Bille, and Mr. J. A. F. McCallum. *Second year*: 1, Mr. E. A. Tough; 2, Mr. L. W. Henderson. *Third year*: 1, Mr. A. G. Burnett; 2, Mr. R. Presslie. The Petrie Trust Bursary was won by Mr. George Petrie. Through the courtesy of the Pharmaceutical Society, the Association were enabled to present a British Pharmaceutical Codex to the runners-up (Miss S. E. Edward and Mr. G. Mitchell).

**Aberdeen Branch Annual Meeting.**—The annual meeting of the Aberdeen and North-Eastern Scottish Branch of the Pharmaceutical Society was held on May 8, Mr. M. K. Watt (chairman) presiding. The chairman made reference to the loss sustained by the Branch through the death of Mr. James Chalmers, Alford. The secretary reported that there were now 345 members and student-associates, an increase of twenty-five. Indentured apprentices in the Branch area numbered forty-four. The treasurer's report showed a balance in hand of £24. The following office-bearers were appointed:—*Chairman*, Mr. Marshall K. Watt; *Vice-Chairman*, Mr. J. D. Christie, J.P.; *Treasurer*, Mr. W. A. Park; *Secretary*, Mr. James Farquhar; *Auditor*, Mr. A. S. Weir. The *Committee* was reappointed, with the addition of Mr. G. W. Hall, Stonehaven, Kincardine. Branch representatives appointed to attend the Conference were Messrs. G. M. Cruickshank, W. F. Hay, and the secretary. Mr. Jack (a member of Council), addressed the meeting. He stressed that drastic action was to be taken by the Statutory Committee towards offenders against the regulations governing strychnine sales. DR. TAIT explained duties that might have to be undertaken by the Local Pharmaceutical War Committee. He explained that dispensers over thirty were regarded as being in a reserved occupation, as well as registered students with two or more years in pharmacy.



## PHOTOGRAPHIC DEALERS' ASSOCIATION

THE annual meeting of the Photographic Dealers' Association was held in London on May 22. The president (Mr. W. Spence Culbert), presenting the report of the National Council for the past twelve months, stated that he had recently been present at interviews with officials at the Custom House in regard to the Purchase Tax, about to be introduced, and the Prices of Goods Act; he urged that the new Council should examine this subject carefully on behalf of the photographic retailing trade.

Mr. J. Milner, London, S.E., proposed the adoption of the Report; it was seconded by Mr. F. Edwards, Cardiff, and carried.

The treasurer, Mr. H. L. Warner, submitted the accounts for 1939, and balance sheet as at December 31, 1939; he commented on the main items, giving comparative figures for the previous year. There was an excess of income of £6 10s., a gratifying result for a difficult year which included four months of war; economies had been effected wherever possible without in any way lessening the efficiency of organisation. The report and accounts were adopted on the motion of Mr. A. Hoare, Derby, seconded by Mr. W. Hudson, Skegness.

### Alterations to Rules

Mr. R. McKechnie, on behalf of the Edinburgh Branch, proposed certain alterations to rules, seconded by Mr. A. J. Caithness, (Kirkcaldy); these were carried, the effect being to provide for additional representation for Scotland on the National Council. Mr. W. Spence Culbert proposed, Mr. A. Oglesby seconded, and it was resolved: That Mr. R. McKechnie is hereby appointed representative of the new Area 17.

The general secretary (Mr. E. J. Andrews) reported that the following members had been elected to serve on the National Council for the ensuing two years: F. W. Beken, M.P.S., Cowes, I.W.; W. Spence Culbert, M.P.S., Airdrie; F. Edwards, M.P.S., Cardiff; J. M. Edwards, M.P.S., London, S.W.; A. Hoare, Derby; B. A. Macfarlane, Llandudno; H. Mottershaw, Sheffield; J. Paterson, M.P.S., London, S.E.; L. G. Smith, M.P.S., Dublin.

The following officials were unanimously elected: *President*, Mr. J. Paterson (proposed by Mr. W. Spence Culbert, seconded by Mr. J. Milner); *Vice-President*, Mr. H. L. Warner (proposed by Mr. J. Paterson, seconded by Mr. W. Hudson); *Treasurer*, Mr. J. Lomax (proposed by Mr. A. Hoare, seconded by Mr. J. Milner, and supported by Mr. H. L. Warner); *Auditors*, Messrs. Moustardiers; *Scrutineers*, Messrs. J. Hearle and J. Milner.

The usual business of an annual meeting, as above, was concluded within an hour, discussion following.

Mr. A. Hoare introduced the "ban" bogey. He urged: (1) That where possible, copies of the folder should be circulated to the police—this had already been done in at least one area; (2) that enthusiasm for photography should be shown by dealers, and that good window displays should be continued; (3) that customers should be told what they may photograph, rather than what they may not photograph—95 per cent. against 5 per cent.; (4) that special windows with enlargements should be featured, e.g. a baby window; (5) that close contact should be maintained between the dealer and the local photographic society.

Mr. R. McKechnie stated that he had made it a habit to carry a camera, and that this had induced others to do likewise. He also reported that in the case of an outing of amateur photographers, he had found helpful a letter of explanation sent previously to the police.

Mr. A. J. Caithness urged the adoption of a slogan, such as "Snaps mean more than words can tell."

An address was given by Mr. Bernard Cook (president of the British Photographic Manufacturers' Association) explaining the Snapshots from Home League being organised by the Y.M.C.A. with the assistance of the photographic trade. Briefly the scheme is similar to that conducted in the last war, enabling amateur photographers to render a social service—request forms to be available for men at the front to send in, asking for snapshots of the family at home, each form to be forwarded to an amateur in the district who will take the snaps and post them direct to the applicant.

A useful discussion took place during which several suggestions were made to assist the scheme. Mr. Bernard Cook was supported by Mr. T. Midgley Illingworth, and both of these gentlemen were cordially thanked for their attendance.

Mr. F. J. Young, Leicester, gave a report of correspondence between the Association and the solicitor as to the legal position of the dealer *re* prints of military objectives, etc., prohibited by the Control of Photography Order. From the discussion which followed it was evident that the Order is being interpreted in a wide variety of ways by the police, according to the area concerned. It is therefore difficult to make any general statement, but any member needing particular advice should write to the general secretary.

Mr. F. J. Mortimer (editor of the "Amateur Photographer") was present and gave an excellent talk on "Outlook for the Dealer in War-Time."

## TOPICAL REFLECTIONS

**A Vitamin Page.**—The steady progress of vitamin research is clearly shown in Dr. Prescott's article on p. 390 of your last week's issue, and I trust that most of your readers will make a point of studying the concise information conveyed. I have not counted the total number of vitamins mentioned, but it is larger than many people realise, the substances in the sterol group, for instance, amounting to ten. At the moment it appears that discovery has outrun practical application. Pharmacological tests will in due course change this balance and suggest clinical uses for entities at present of only academic interest. An example of the searching thoroughness with which therapeutic claims are investigated may be deduced from the paragraph on vitamin A. Only a few years ago it was commonly referred to as "the anti-infective vitamin." This somewhat loose term does not appear in Dr. Prescott's article: we may infer that the criticisms directed against it have prevailed. My experience of being asked at meal-times to name the vitamins present on the table is probably not singular, and I may emphasise the hope that everyone interested will use to the best advantage this valuable presentation of recent research.

**Factors in Retail Distribution.**—Much might be written in comment on the attractive address by Mr. F. C. Wilson (p. 391) on "Modern Trends in Retail Distribution." He tells us that "variety chains determine sales of a given article in relation to the area of counter space used for display" and act accordingly in their arrangements for future purchases. The counter space of most pharmacies being severely limited, there is a plain hint for chemists in this observation. Again, "during the last twenty years or so there has been an increase both in shops and in the persons engaged . . . in excess of population increase and output of consumable goods." One inference is, surely, that it is almost hopeless for beginners to proceed gaily with the opening of new pharmacies wherever there appears to be an adequate living space between existing businesses. I notice that the appeal of the variety store is mainly as the departmental store of the poorer classes, though

partly on a primitive 'entertainment value.' We cannot hope, it may be presumed, to offer our customers "entertainment value," though something may be done—and has been done—by providing newspapers for waiting customers. Any elaborate scheme in this direction might result in liability to entertainment tax. We may well reflect on the dictum that proprietary medicines "now constitute the most important of the eight main groups of pharmaceutical sales": an associated statement lays it down that "demand for advertised proprietary articles has reduced the influence of the shopkeeper's personality and experience in obtaining custom." How to make personality and experience tell with greater effect is one of the major problems of retail business.

**The Next B.P. Addendum.**—The forthcoming British Pharmacopœia Addendum (p. 385) is to be a combination of the new and the alternative. Wisely, as I think, the compilers have not waited for the end of the war before recognising recent advances in medical practice; as a result we are to have ten more official products. The permissive use of the substitute materials named is a simpler procedure than the sweeping withdrawal in 1917 of certain medicaments of the 1914 Pharmacopœia. These comprised, with few exceptions, the confections, glycerins, mixtures, syrups and lozenges, together with eighteen other substances mentioned by name: even so obsolescent a galenical as tincture of kino came under the ban. Oils and fats did not receive similar attention till the spring of 1918, nearly four years after the outbreak of war. By the beginning of 1919 some pharmacists were reintroducing certain of the original medicaments in their dispensing practice; but where panel prescriptions were concerned, payment was still being made on the basis of the "wretched" substitutes, as the *C. & D.* called them at the time. It was not till April 29, 1919, that a notice restoring the *status quo* appeared in the official Gazette. The Edinburgh Chemists' Trade Association, meeting on that day, recorded a protest against the action of the General Medical Council in compelling a return to the use of olive oil in camphorated oil.

**Xrayser**



## LEGAL REPORTS

**Increased Damages.**—The Court of Appeal, recently, heard an appeal by Mr. Ernest Reed, Stratford Road, Hendon, from the award, by Mr. Justice Branson, in the King's Bench Division, of £420 damages against Morny, Ltd., New Burlington Street, London, in respect of an accident at their soap and perfumery factory that resulted in Mr. Reed's left hand being badly crushed in a soap machine (*C. & D.*, December 16, p. 540). Mr. Reed contended that the award was not sufficient. Sir William Jowitt, K.C., for Mr. Reed, argued that the amount of the award was so small for such a grave injury that it was obvious that the judge must have misdirected himself. The hand, owing to the amputation of two fingers and part of another as well as part of the thumb and palm, was to all intents and purposes useless. Lord Justice Slesser, giving judgment allowing the appeal, said that the amount awarded by Mr. Justice Branson was wholly insufficient to compensate Mr. Reed for the very serious injury he had received. The judge had made an entirely erroneous estimate of the damages, and the appeal would be allowed and judgment entered for Mr. Reed for £1,250. Lords Justices Scott and Goddard agreed.

**Injunctions Granted.**—An action by the County Perfumery Co., Ltd., Pall Mall, London, W., against Mr. Benjamin Ginsberg and Mr. Patrick Arthur Cheetham (trading as Broll Laboratories), Hanover Street, Liverpool, and Watts Brothers (Manchester), Ltd., Cannon Street, Manchester, came before Mr. Justice Crossman in the Chancery Division of the High Court, London, on May 24, on a motion for relief pending the hearing of the action.

For the plaintiffs, Mr. G. H. Lloyd-Jacob stated that the motion asked for injunctions restraining infringement of their registered trade marks Brylstone and Hiltone Bleach, passing off, and infringement of copyright. With regard to the first two defendants, he understood that they desired to treat the motion as the trial of the action and put an end to the matter. He was content to accept injunctions against them, an order for the payment of agreed costs, delivery up of the goods complained of and an inquiry as to damages, the costs of which would be reserved. Mr. G. D. Johnson, for Mr. Ginsberg and Mr. Cheetham, said he agreed to this.

Mr. Lloyd-Jacob said that Watts Brothers (Manchester), Ltd., were distributors of goods supplied by the other defendants. They were also willing to treat the motion as the trial of the action and submit to similar injunctions. He did not ask for any order as to costs against them or for an inquiry as to damages, but he did ask for delivery up of all infringing goods in their possession. His lordship made orders accordingly.

## COMPANY NEWS

### P.C. means Private Company and R.O. Registered Office

**S. STONIER, LTD. (P.C.).**—Capital £500. Objects: To acquire the business of a chemical manufacturer and merchant carried on at Congleton, Cheshire, by S. Stonier. Solicitors: Pinsent & Co., 6 Bennetts Hill, Birmingham.

**CLARENCE PHARMACY (NEWPORT), LTD. (P.C.).**—Capital £400. Objects: To carry on business as pharmaceutical and general chemists, etc. Thos. T. Jones, M.P.S., 9 Quanfawr Road, Crosskeys, Monmouth, director. Solicitors: L. A. Wallen & Jenkins, Abertillery, Monmouth.

**P.A.C. PHOTOGRAPHIC ACCESSORIES & CHEMICALS, LTD. (P.C.).**—Capital £2,000. Objects: To adopt an agreement to develop processes and inventions and to carry on the business of manufacturers of and dealers in photographic chemicals, apparatus, etc. Solicitors: Bartlett & Gluckstein, 199 Piccadilly, London, W.1.

**GRIFFITHS HUGHES PROPRIETARIES, LTD.**—Final dividend on ordinary shares is 3 per cent., making 5 per cent. (as in previous year) for financial year ended March 31. Profits of operating company for past year were £155,418, compared with £112,550 in previous twelve months.

**ENERGEN FOODS CO., LTD.**—Profit for the year ended March 31 amounted to £11,022, compared with £11,439 in the preceding year. £1,900 was allocated to tax reserve (£1,500); general reserve, £2,500 (same); provident fund, £155 (£121). It was proposed to pay a final dividend of 8 per cent., making 16 per cent., less tax (18 per cent.); carried forward, £486 (£419).

**B. LAPORTE, LTD.**—Net profit for year ended March 31 was £105,541, against £92,286 in the previous year. £34,000 is placed to tax reserve (£19,000); to pension fund, £5,000 (same); to general reserve, £15,000 (£15,863); and £27,738 is carried forward (£30,616).

A final dividend of 10 per cent. has been recommended, making 15 per cent., less tax (22½ per cent.).

**J. C. & J. FIELD, LTD.**—Report for year ended March 31 shows net profit of £40,854, against £38,841 in previous twelve months. £6,000 has been allocated to reserve (same), and goodwill is reduced by £5,000 (same). A final dividend of 10 per cent. on ordinary shares is recommended, making 15 per cent., less tax, for the year (same); £13,771 is carried forward against (£11,417).

**BEECHAMS PILLS, LTD.**—Directors' report and accounts for year ended March 31 show a trading profit of £1,055,615 (£723,663 in previous twelve months). Increase is stated to be partly due to possession for a full year of ordinary share capital in Eno Proprietaries, Ltd., and of Beecham-Maclean Holdings, Ltd. Latter received dividend from County Perfumery Co., Ltd., in respect of nine months from July 1, 1939, when share capital of that company was acquired. In September, 1939, it was announced that there would be no increase in wholesale and retail prices of the company's products unless circumstances made an advance necessary. So far this position has been maintained. Considerable progress was made in export trade. A final dividend on the deferred shares of 14.81 per cent., less tax, is recommended (making 28½ per cent., less tax with interim already paid, for the year). £79,124 has been transferred to development reserve; £70,000 to reserve for cost of merger and reorganisation; income tax, £329,018; provision for excess profits tax, £140,000; carried forward, £104,593.

**IMPERIAL CHEMICAL INDUSTRIES, LTD.**—The annual meeting was held in London on May 23. The chairman's address included the following items: Gross total income was £15,343,000 (£10,463,000 in 1938). Practically the whole gain (nearly 50 per cent.) was in manufacturing and trading profits less losses (£13,701,000 against £9,023,000), due to greater volume and more profitable export trade. Net consolidated income amounted to £7,678,000, against £7,282,000. A gross income increase of £4,880,000 became £396,000 net, due chiefly to taxation; miscellaneous expenditure (£711,000 increase); obsolescence and depreciation (£645,000 increase). Gross provision for taxation was £5,655,000 (£3,633,000 increase). Profit and loss account, including 1938 balance of £621,000 brought forward, showed amount disposable £7,934,000. £180,000 was provided for workers' pension fund, and £375,000 appropriated to general and £1,000,000 to war-contingency reserves. After paying preference dividend of £1,666,000 and interim dividend of 3 per cent., the board recommended final payment of 5 per cent. on ordinary stock (total for year 8 per cent.). £681,000 (£60,000 more than amount brought in) is carried forward. Report and accounts were carried unanimously.

**Private Arrangement.**—WILLIAM EDWIN SMITH, 162b West Street, Fareham, Hants, pharmacist. At a recent meeting of creditors a statement of affairs was submitted showing liabilities of £586, and preferential claims £27, leaving net assets £78 (a deficiency of £507). Assets comprised: Cash in hand, 11d.; stock-in-trade, £110 (put down at £50); fixtures and equipment, £100 (valued at £40); furniture, £15. Debtor started trading on his own account at Redruth, Cornwall, in 1922. He traded there for about four years and then went to Newcastle-on-Tyne, where he obtained employment. Subsequently he opened a shop at Fleet, where he traded for one year. In August, 1936, he commenced trading at Hamble, but in February, 1939, he disposed of that concern and in the following month acquired premises at Lyndhurst. In November of last year he transferred his activities to West Street, Fareham, but no trading figures were available. Several creditors had commenced proceedings. It was decided that debtor should file his own petition in bankruptcy.

**Bankruptcy.**—JOHN RAY, Dean Head, Goodleigh, Barnstaple, Devonshire, chemist. The first meeting of creditors was held at Barnstaple on May 21. Statement of affairs showed ranking liabilities of £1,974, assets £10 (a deficiency of £1,964). In June 1928 debtor was appointed technical adviser to a limited company dealing in fertilisers, and of this he subsequently became a director. The company experienced difficulties and eventually a receiver was appointed. Debtor assisted in realising the assets, and in February 1937 was appointed a director of a new company, of which he resigned the directorship in July 1939. After that he was employed as general manager by another fertiliser company until March 1940, and meantime was also associated with other ventures. During 1938 he was involved in litigation regarding liability under a joint and several guarantee in respect of a bank overdraft, and in February 1940 orders were made against him for payment of £812 to his co-director and £65 to each of five other guarantors. Debtor's own costs amounted to £62. He attributed his failure to liability under the guarantee. The case, being a summary one, was left in the hands of the Official Receiver as trustee.



## TRADE NOTES

In the announcement made by General Latex, Ltd., Slough, in the advertisement pages of the *C. & D.*, May 25, the weights referred to should read 180-225 grams per gross, and not as stated.

**TI-TREE OIL.**—Robert Ferber, Ltd., Carlton Works, Asylum Road, London, S.E.18, are making a special offer in connexion with Australian ti-tree oil and details will be found elsewhere in this issue.

**GOYA PERFUMES.**—Owing to increased cost of raw materials prices of the handbag phials and the small flagons of bath essences



have had to be slightly increased. Prices of the larger bottles of perfume are unchanged. We reproduce two new and attractive effrets introduced by Goya, one containing perfume and face powder and the other perfume, face powder and bath essence.

**VITAMIN PREPARATIONS.**—The British Drug Houses, Ltd., London, N.1, announce in their advertisement in this issue that they are able to supply the vitamin preparations of the second addendum to the B.P. 1932.

**THOMAS GUEST & Co., LTD.**, manufacturing chemists, Carruthers Street, Ancoats, Manchester, 4, referred in their advertisement in last week's *C. & D.* to their Sure Shield fruit laxatives. Overseas purchasers of this product should note that the tins can be supplied unprinted if desired.

**ENSIGN, LTD.**, Walthamstow, London, E.17, have issued a D. and P. price list for 1940, which is available to all dealers on request. The company has also available a window streamer designed to popularise the sending of snapshots to men in the Forces overseas. This is only available to dealers whose photographic work is done by Messrs. Ensign.

**WISE BABYCRAFT.**—A 115-pp. booklet with this title constitutes the latest edition of a guide to infant feeding issued by Allen & Amburys, Ltd., Bethnal Green, London, E.2. It is supplied post free to any mother or expectant mother on application. The booklet is divided into four parts dealing with the expectant mother, the infant, the weanling and toddler, and minor ailments.

**ESSENTIAL OILS.**—Polak & Schwarz (England), Ltd., 50 Great Cambridge Road, Enfield, announce that for some time past they have been building up a stock of flavouring essences, flower oils, perfume, etc., and have also made arrangements to manufacture their specialities in London. In these circumstances the company feel they are in a position to supply normal requirements as hitherto.

### Proprietary Articles Trade Association

**Additions and Alterations to Protected List.**—*Cellulocotton Products, Ltd.*, 6d. and 7d. boxes of Kotex will be withdrawn on June 1. A new size (6 pads), retailing at 8d., will then be introduced, minimum wholesale price 6s. doz. This applies to blue and green boxes. All other prices and terms remain unchanged. *Macleans, Ltd.*, new prices and terms: one 1, Fynnon salt, trial size, 6d., 4s. 7d. doz.; three doz., 4s. 5d. doz.; 4 doz., 4s. 3d. doz. Mixed parcels in minimum doz. lots, 6d. and 1s. 3d. doz., qualify for quantity terms.

**Correction.**—*W. J. Rendell, Ltd.* Minimum wholesale price of Silatex, size 1, is 13s. 2d. doz. (see P.A.T.A. Year Book, p. 234).

### Business Changes

**BOOTS, LTD.**, have acquired the businesses of Mr. John Cooper 107 London Street and 29 Whitley Street, Reading.

**MR. LLEWELLYN W. JONES, M.P.S.**, has acquired the business at the Medical Hall, Llanerchymedd, until recently carried on by the late Mr. H. Price Owen, M.P.S.

## BIRTHS

Notices for this column must be authenticated

**GRUBB.**—At Waterford on May 8, to Elizabeth, wife of Eric L. Grubb, L.P.S.I., of twin sons.

## MARRIAGES

**CHADWICK—CRAWSHAW.**—At Halifax, on May 16, Eric Chadwick, M.P.S., 37 Albert Drive, to Lilian Crawshaw.

## DEATHS

**DWELLY.**—On May 17, Mr. Hedley Egbert Dwelly, Ph.C., Park Street, Chatteris, Cambs. Mr. Dwelly, who had been in business in the town for some twenty years, passed the Minor examination in 1890 and the Major three years later.

**FINN.**—Recently, Mr. Francis Dudley Finn, M.P.S., 529 Battersea Park Road, London, S.W.11. Mr. Finn passed the Minor examination in 1900.

**HASLAM.**—In a London Nursing Home, on May 21, Sir John Haslam, M.P., aged sixty-two. Sir John was a member of the Select Committee on Medicine Stamp Duties set up in 1936 and which reported in 1937.

**INNIS.**—Recently, Mr. Lewis Osborn Inniss, Victoria Square, Port of Spain, aged ninety-two. Mr. Inniss was in partnership with his father at St. James Pharmacy, at the corner of Duke and Frederick Streets, and carried on the business after his father's death. Later he became the proprietor of the Creole Pharmacy at the corner of Frederick and Prince Streets. Mr. Inniss took great interest in local affairs and was an amateur actor of exceptional ability. He had presented to various organisations a number of papers and addresses on Trinidad. One of his sons, Mr. Hugh O. E. Inniss, was a partner at the Creole Pharmacy, and another son Mr. A. Lewis Inniss, is in business as a wholesale chemist at Port of Spain.

**JOHNSTONE.**—At the Royal Infirmary, Edinburgh, on May 23, Mr. Donald Forbes Johnstone, M.P.S., High Street, Melrose. Mr. Johnstone qualified in 1893.

**MAIN.**—Recently, Mr. John Main, chemist and druggist, aged seventy. Mr. Main served his apprenticeship with the late Mr. J. Laing, Laurencekirk, and passed the Minor examination of the Pharmaceutical Society in 1891. He has been many years in South Africa and was for a time manager of Petersen, Ltd., Cape Town.

**ST. CYR.**—Recently, Mr. Etienne Laurent Nelvil St. Cyr, Ph.C., 28 Avenue King, Port au Prince, Hayti. Mr. St. Cyr passed the Minor and Major examinations of the Pharmaceutical Society in 1894.

## BRITISH PHARMACEUTICAL CONFERENCE, 1940

THE following papers have been received and, under present arrangements, will be read at the Science Session on Tuesday, June 11. In view of the urgent need for economy in paper, the Executive have decided that red books or other advance copies of the papers cannot be provided this year:—

1. "Sterility Tests on Surgical Dressings," by R. Maxwell Savage, B.A., F.I.C.
2. "Absorption Spectrophotometry in Pharmaceutical Analysis," by W. F. Elvidge, B.Sc., F.I.C.
3. "The Determination of Mercury in Mercurochrome," by G. J. W. Ferrey, B.Sc., F.I.C.
4. "The Assay of Theophylline Sodium Acetate," by G. J. W. Ferrey, B.Sc., F.I.C.
5. "Bile Salts, their Composition and Analysis," by Norman Evers, B.Sc., F.I.C., and Wilfred Smith, B.Sc., F.I.C.
6. "The Colorimetric Determination of Strychnine in Nux Vomica and its Preparations," by John Allen and Noel L. Allport, F.I.C.
7. "Bleach Ointment," by H. Brindle, B.Sc., F.I.C., and L. V. Rosser, Ph.C.
8. "Laboratory Note on the Glass Electrode," by G. E. Shaw, B.Sc.
9. "A Comparative Study of Peptones by the Trypan-blue Reaction," by G. E. Shaw, B.Sc., and H. G. Hind, B.Sc., A.I.C., Ph.D.





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## Price-control Problems

THE Prices of Goods (Price Regulated Goods) Order which comes into force on June 10 covers almost everything supplied by chemists except dispensed medicine, photographic apparatus and veterinary products, since the Schedule to the Order specifies, among other things: Hair, shaving, clothes, tooth and other brushes for personal use; soap; toilet and hygienic preparations and requisites, cosmetics, perfumery, manicure and pedicure preparations and requisites; drugs, disinfectants and medicinal substances and chemicals for personal or domestic use (excluding dispensed medicines); surgical dressings and requisites and infants' foods; electric torches and lamps (being torches and lamps of a kind operated by dry battery), and component parts thereof and accessories therefor. No limit is imposed on value, so that after the above-mentioned date expensive luxury goods are price-controlled as much as those in popular demand.

There is one respect in which the Order is open to very serious objections, i.e. its vagueness. For example, in the category including drugs, there is no clear definition of what is intended. According to the Food and Drugs Act, 1938, "drugs includes medicines for internal or external use," while food is defined as "any article used for food or drink for human consumption other than drugs or water, and including (a) any substance which is intended for use in the composition or preparation of food; (b) any flavouring matter or condiment; and (c) any colouring matter intended for use in food. . . ." Many medicinal substances are also foodstuffs. When used as such they are presumably outside the scope of the Order, and so could not be the subject of a complaint to the local price-control committee. Examples that may be cited are alum and sodium bicarbonate. When the former is bought for a mouthwash it is price-controlled, but not if purchased for photographic purposes. If the bicarbonate is bought from a grocer for cake-making could it not be outside the Order? The question can apply in the case of a drug or chemical sold for veterinary or industrial use. The word "domestic" may also be a cause of trouble, and it may be well to bear in mind that one of the meanings assigned to this word in the Oxford English Dictionary is "of or belonging to the home, house or household." Infants' foods are also to be

controlled, but several of these are also given to invalids and so a penny too much on the former may be actionable, but of no consequence on the latter. The onus of ensuring no profiteering on cosmetics will fall in the main on the manufacturers, but the prices of hair, shaving and tooth brushes afford plenty of pitfalls for manufacturer and retailer. Subscribers may be reminded that it is an offence to sell price-regulated goods at more than their price on August 21, 1939, plus an increase representing an actual rise in costs and expenses.

The net result seems to be that the drug and allied trades will be in much the same position as in 1919. They have no redress against frivolous complaints made by any member of the public, though they may be put to considerable trouble and expense in defending a comparatively trivial increase in the price of an article. At the December 1939 meeting of the Pharmaceutical Society of Great Britain it was reported that the Board of Trade had been approached to ask that the Society might be consulted in the event of machinery being introduced to control the prices of drugs and an assurance had been received that the Society's request would be borne in mind should the question of applying the Act to any drugs come under consideration. It would be interesting to know if, apart from dispensing, the Society was consulted, or any other bodies familiar with the intricacies of the drug trade.

## Relation in the Course of Trade

A CASE of great importance to the drug trade arising out of the interpretation of Section 4 of the Trade Marks Act, 1938, came before the Court of Appeal recently (*C. & D.*, May 18, p. 368). This particular Section was passed as a result of a House of Lords judgment in the case of *Irving's Yeast Vite v. Horsenail*. In that case the appellants had marketed a medicinal product under the trade mark "Yeast-Vite," and respondent sold a preparation the labels on which bore the inscription "Yeast tablets a substitute for Yeast-Vite." It was held that the use of the word "Yeast-Vite" in the manner complained of did not infringe Section 39 of the Trade Marks Act, 1905.

Section 4 (1) of the 1938 Act defines the rights of registered proprietors of Part A trade marks and states that such right shall be deemed to be infringed by any person who, not being the proprietor of the trade-mark or a registered user thereof using by way of the permitted use, uses a mark identical with it or so nearly resembling it as to be likely to deceive or cause confusion in the course of trade, in relation to any goods in respect of which it is registered, and in such manner as to render the use of the mark likely to be taken either:—

- as being used as a trade mark; or
- in a case in which the use is use upon the goods or in physical relation thereto or in an advertising circular or other advertisement issued to the public, as importing a reference to some person having the right either as proprietor or as registered user to use the trade mark or to goods with which such a person as aforesaid is connected in the course of trade.

In his reserved judgment in the Appeal Court the Master of the Rolls said he was of the opinion that respondents had infringed the exclusive right of the appellants to the use of the trade mark in relation to the goods in question, as defined by Section 4 of the 1938 Act, and had used it "in the course of trade in relation to any goods in respect of which it is registered" (Section 4, subsection 1); and that the effect of this legislation is to alter the law as laid down in the *Yeast-Vite* case and to make what the respondents have done an infringement. The appeal was allowed and leave was given to appeal to the House of Lords.

Meanwhile chemists must be careful in arranging displays of goods sold under trade marks not to place in physical relation thereto others of a competitive nature in such a way as to use the trade-marked article as a sales-aid in selling the other. Any suggestion of substitution by display or in writing would be an infringement of the right given to the registered owner of a trade mark. It would seem that the law as now defined would not prevent the display of trade-marked articles and competitive non-trade-marked goods in the same window so long as they are not linked in any way.



### Another Pharmaceutical Authority

IN last week's *C. & D.* (p. 385) we published details of a specification for Bleach Ointment (Anti-gas No. 1) prepared by the British Standards Institution at the request of the Air Raid Precautions Department of the Ministry of Home Security and on the same page details were given of the forthcoming Addendum to the British Pharmacopœia.

At the March meeting of the Council of the Pharmaceutical Society the secretary (Mr. H. N. Linstead) reported that he had attended a meeting of the British Standards Institution (a body in which the Society is represented) to consider the production, at the request of the Ministry of Home Security, of a specification for anti-gas ointment. He had represented to the Institution that it seemed to be undesirable that that body, which was mainly an industrial standardising body, should suddenly begin to standardise what was essentially a medicinal preparation. He was supported in this view by the representatives of the Pharmacopœia Commission, and finally the assurance had been given by the director of the Institution that it was not their intention to proceed with any standardisation in the medicinal field if that would be undertaken either by the Pharmacopœia Commission or by the Codex Committee. He (Mr. Linstead) and the representatives of the Pharmacopœia Commission had agreed that the ointment in question could be regarded as "a protective rather than a medicinal device."

So far, bleach ointment prosecutions under the Food and Drugs Act, 1938, have been dismissed because there was no official standard. It is obviously desirable that there should be a standard and that it should be set up by an authoritative body rather than a local magistrate. When, however, there are two authorities already dealing with medicinal standards, and one of them is on the point of issuing an official publication, the introduction of a third authority "in the medicinal field" seems unnecessary and likely to lead to confusion. We can hardly agree that the ointment, which is applied after contamination, is protective rather than medicinal. Moreover, on the question of titles, the inclusion of the product as Bleach Ointment in the B.P. Addendum would have simplified matters for the pharmacist and possibly rendered him less liable to prosecution through descriptive errors. There is a further point: in addition to laying down characters and tests for the ointment, the specification also describes them for stabilised bleaching powder and white mineral jelly. What the pharmacist wants to know is whether the B.P. products are of the same standard as those of the specification. If so, why not indicate the fact; if not, there is likely to be considerable difficulty in event of pharmacists having to prepare the ointment extempore in emergency. In any case it would seem that at the behest of a comparatively new Ministry the B.S.I. is setting up standards for medicinal products which differ from and are therefore in addition to those of the Pharmacopœia Commission.

### Mutual Assistance for Chemists

A scheme by which chemists whose stocks suffer damage or destruction in air raids has been inaugurated locally by the Wolverhampton Branch of the National Pharmaceutical Union. The plan is one which should commend itself to pharmacists in business in other areas. Briefly, it consists in the creation of a pool of goods to which all participating members contribute and from which, in the event of any member suffering loss of or damage to stocks as a result of a raid, the member is supplied at short notice. In the pool are put drugs, proprietaries, dressings, sundries and even packed preparations in frequent demand (in the Wolverhampton scheme about 700 items). A further facility is the agreement of those members who have qualified partners or managers to give immediate assistance in the business of any other member who may, through injuries received, be unable to carry on. The Branch is to be congratulated on its action in formulating this scheme and on the practical way in which it is being organised.

### Helping the Savings Movement

Since the inception of the National Savings movement, thousands of savings groups have been formed in all sections of the community, and contributions to the national exchequer from this source alone have reached a total of over £81 millions. A suggested new method whereby traders can help the savings movement is by turning into savings stamps the discounts usually paid in consideration of prompt settlement of accounts and presenting them to customers to the value of the amounts due. Although it is not the usual practice of

chemists to allow discounts for prompt settlement, there seems no reason why a scheme on these lines should not be given a trial. Accelerated payment of accounts, to qualify for the special discount would probably more than compensate chemists for the sum expended in purchase of savings stamps. Other ways in which national savings efforts can be assisted are suggested by the information that a multiple chemists' concern has undertaken to provide the last two 6d. stamps on the savings cards of its employees, while in last week's issue (p. 3) an announcement by a well-known manufacturing chemist offered a special concession off invoice value, the discount to be paid in national savings certificates. Further similar schemes having special application to the drug trade could doubtless be formulated.

## ECONOMIES IN PAPER

THE Minister of Supply has issued a number of Control of Paper Orders (Nos. 13, 14, 15 and 16), the last-mentioned being of considerable importance to the trade. Paragraph 1 states, among other things, that no person in the United Kingdom may (a) print or publish any newspaper or magazine or other periodical that was not published at any time before the coming into force of this Order (b) publish any newspaper or magazine or other periodical after the coming into force of this Order at more frequent intervals than those at which it was being published in the period immediately before the coming into force of this Order; (c) print any poster the area of which exceeds 2,400 square inches; (d) exhibit any poster, printed after the coming into force of this Order, and advertising or relating to the sale of goods, except at the place of sale.

Paragraph 2 (1) states that no person in the United Kingdom shall (a) gratuitously distribute any advertising circular of any description if he did not gratuitously distribute any advertising circular of the same description at any time within the period of twelve months immediately preceding the coming into force of this Order (b) in any period of three consecutive calendar months gratuitously distribute advertising circulars of any description the aggregate weight of which exceeds one-third (or in the case of circulars advertising seeds or plants one-half) of the aggregate weight of advertising circulars of the same description gratuitously distributed by him in the corresponding three months of the year 1939. The provision of this paragraph do not apply to trade catalogues dispatched to wholesalers or retailers.

Paragraph 3 is as follows: (1) No person shall, in wrapping or packing any article for wholesale distribution—(a) use any greater quantity of paper wrapping or packing material than such as is reasonably required for the protection of the article; (b) use any paper wrapper, carton or container the caliper of which exceeds what is reasonably required for the protection of the article; (c) insert any advertising matter inside any wrapping or packing or carton or container; or (d) affix to any wrapping or packing or carton or container any advertising matter the area of which exceeds twenty square inches. (2) No person shall in connexion with or for the purposes of any sale by retail (a) wrap or pack with paper an article which does not reasonably require any such packing or wrapping for its protection; (b) use in the wrapping or packing of any article any greater quantity of paper wrapping or packing than is reasonably required for the protection of the article (including such as is reasonably required for its safe transit if the article is to be sent by post or otherwise dispatched to or to the order of the customer); (c) insert any advertising matter inside the wrapping or packing or carton or container; or (d) affix to the wrapping or packing or carton or container any advertising matter the area of which exceeds twenty square inches. (3) The expression "advertising matter" shall not be taken as including instructions for the use of the article.

Paragraph 4 prohibits the production of paper handkerchiefs and similar articles. Paragraph 5 provides that nothing in the Order shall be taken to prohibit or restrict the printing, wrapping or distributing of any article, or the insertion of advertising matter and so forth in connexion with export trade. Copies of the Order may be obtained from H.M. Stationery Office, Kingsway, London W.C.2, price 1d. each.

## COMING EVENTS

### Tuesday, June 4

- WIMBLEDON PHARMACISTS' ASSOCIATION, Johnston's Welcome Hall, High Street, Wimbledon, at 8.30 p.m. Annual meeting.
- WEMBLEY CHEMISTS' ASSOCIATION, Court Restaurant, High Road, Wembley, at 8.30 p.m. Cosmetics lecture and demonstration.
- WEST MIDDLESEX CHEMISTS' ASSOCIATION, Oak Room, Palladium Cinema, Ealing Broadway, at 8.15 p.m. Annual meeting. Mr. H. W. Wallis (Treasure Pharmaceutical Society), on "Our Immediate Problems."



## U.S.A. CINCHONA AND QUININE IMPORTS

IMPORTS of cinchona bark and derivatives of cinchona bark, including quinine sulphate, in 1931 and during the years 1934-38, were as follows—

### CINCHONA BARK (in thousands of lb.)

Source	1931	1934	1935	1936	1937	1938
Total .. ..	1,581	1,690	1,618	2,051	1,836	1,349
Germany .. ..	—	—	—	—	397	—
Netherlands ..	1,572	177	1,352	1,851	—	—
United Kingdom ..	2	15	*	12	—	—
Peru .. ..	—	4	10	—	—	—
Belgium .. ..	—	2	—	1	—	—
Ecuador .. ..	—	42	6	44	22	6
Ceylon .. ..	2	—	—	13	—	*
Colombia .. ..	4	—	—	2	4	—
Honduras .. ..	—	—	—	—	—	—
Netherlands Indies ..	—	1,449	243	128	1,413	1,342
Venezuela .. ..	—	—	6	—	—	—

\* Less than 1,000 lb.

### QUININE SULPHATE (in thousands of oz.)

Source	1931	1934	1935	1936	1937	1938
Total .. ..	1,499	1,611	1,390	1,565	1,340	977
Germany .. ..	—	15	43	—	151	154
Netherlands ..	1,370	1,564	1,133	1,226	1,041	753
Switzerland ..	47	32	214	195	102	45
United Kingdom ..	1	*	*	135	46	25
Canada .. ..	51	—	—	7	—	—
Japan .. ..	30	—	—	—	—	—
Italy .. ..	—	—	—	*	—	—

\* Less than 1,000 oz.

### OTHER ALKALOIDS, SALTS AND DERIVATIVES OF QUININE AND CINCHONA (in thousands of oz.)

Source	1931	1934	1935	1936	1937	1938
Total .. ..	755	1,759	2,423	2,180	2,625	1,609
Germany .. ..	2	11	13	6	31	20
Netherlands ..	736	1,742	2,389	2,154	2,587	1,548
Switzerland ..	2	—	14	4	5	7
United Kingdom ..	9	6	1	2	1	16
Canada .. ..	5	—	—	14	—	9

## COMMERCIAL NOTES

**U.S.A. Exports.**—During 1939, exports of medicinal preparations from the United States were valued at \$22,317,465.

**Increased Demand for U.S.A. Medicinal Products.**—A striking increase recorded in exports of medicinal, pharmaceutical, and biological products from the U.S.A. since the outbreak of hostilities. From September to December, 1939, exports of these products were valued at \$9,573,939, compared with \$6,235,235 during the corresponding period of 1938.

**Newfoundland Cod Liver Oil Exports.**—The quantity of cod liver oil ported from Newfoundland during the year ended June 1939 was 3,286 gall., valued at \$107,586, compared with 101,685 gall., valued at 9,732, in the previous year. The quantities exported to the United Kingdom declined from 16,524 gall. in 1938 to 4,357 gall. in 1939, whereas exports to the United States rose from 64,398 gall. in 1938 to 132,370 gall. in 1939. The only other large consumer was Canada, taking 20,638 gall. in 1938 and 18,722 gall. in 1939.

**U.S.A. Senna Imports.**—The following table shows imports of senna into the United States during the past three years:—

Country of Shipment	1937		1938		1939	
	lb.	\$	lb.	\$	lb.	\$
Belgium .. ..	6,211	2,444	—	—	—	—
Denmark .. ..	11	7	—	—	—	—
British India ..	2,034,375	78,127	960,473	35,137	1,762,032	64,129
Egypt .. ..	512,017	40,446	539,999	33,912	208,450	12,509
Canada .. ..	—	—	422	40	404	26
Yedi Arabia ..	—	—	—	—	8,739	528
Total .. ..	2,552,614	118,824	1,500,894	69,089	1,979,625	77,192

**Italian Lemon Oil Exports.**—The following table shows exports of lemon oil from Italy during 1937 and 1938:—

Destination	1937		1938	
	Kilos	Lire	Kilos	Lire
United Kingdom ..	91,706	9,428,000	113,989	11,109,000
United States ..	43,517	4,651,000	34,788	3,721,000
Australia .. ..	9,571	941,000	9,435	911,000
France .. ..	44,549	4,593,000	41,253	4,479,000
Holland .. ..	16,038	1,567,000	16,604	1,669,000
Germany .. ..	41,681	4,623,000	48,390	5,047,000
Others .. ..	23,464	2,630,000	24,281	2,503,000
Total .. ..	270,526	28,433,000	288,740	29,439,000

**Brazil Carnauba Wax Exports.**—During the first nine months of 1939 Brazil exported 7,151 metric tons of carnauba wax, compared with 6,542 metric tons during the corresponding period of the previous year.

**U.S.A. Ephedra Imports.**—Imports of ephedra into the United States during the past four years are shown in the following table:—

Country of Shipment	1936		1937		1938		1939	
	lb.	\$	lb.	\$	lb.	\$	lb.	\$
China .. ..	1,000,249	22,236	710,701	17,511	713,474	40,361	614,275	19,271
Japan .. ..	—	—	77,541	4,228	348,368	24,754	—	—
Spain .. ..	—	—	—	—	9,485	544	—	—
British India ..	—	—	—	—	446,350	29,197	—	—
Total .. ..	1,000,249	22,236	788,242	21,739	1,517,677	94,856	614,275	19,271

## SOUTH AFRICAN IMPORTS

THE Union of South Africa continues to be a substantial market for medicinal and pharmaceutical preparations, importing on an average about £400,000 worth every year. Normally, most of these imports originate in the United Kingdom, rather less than 20 per cent. come from the United States, and a little more than that amount from Germany. France is the next most important supplier, followed by Switzerland. Considerable quantities of bulk materials are imported into the Union for repackaging, but the extent of this business is not known. A number of foreign companies maintain subsidiary plants in the Union. Details available regarding the medicinal and pharmaceutical import trade of the Union are as follows (figures represent value in South African pounds):—

Country of Origin	1930	1932	1934	1936	1937	1938
<b>SPIRITUOUS PREPARATIONS:—</b>						
United Kingdom ..	12,661	6,313	8,637	9,825	11,118	11,930
United States ..	4,005	2,444	2,411	3,577	5,435	3,629
Germany .. ..	338	587	530	1,189	1,383	1,882
Switzerland .. ..	716	377	373	675	1,084	1,122
Total, including all others	18,394	10,383	12,922	16,114	19,686	19,314
<b>NON-SPIRITUOUS PREPARATIONS including veterinary:—</b>						
United Kingdom ..	162,268	114,750	190,273	226,184	199,150	182,516
United States ..	55,669	35,560	41,908	60,484	74,256	54,686
Germany .. ..	23,366	35,143	59,356	70,357	69,834	67,680
France .. ..	6,603	4,988	9,669	11,909	13,118	12,371
Total, including all others	256,083	201,851	317,165	379,323	371,666	329,834

## WORLD MINERAL INDUSTRIES

### No. 20—Strontium

THE following details of world production of strontium are taken from the statistical summary, 1936-38, of the mineral industry of the British Empire and foreign countries, issued by the Imperial Institute, London, S.W.7 (H.M. Stationery Office, price 7s. 6d.). Figures are in long tons.

Producing Country and Description	1936	1937	1938
<b>BRITISH EMPIRE:—</b>			
United Kingdom: Celestite .. ..	5,771	7,597	4,596
<b>FOREIGN COUNTRIES:—</b>			
Germany (Prussia): Strontianite .. ..	258	268	(a)

(a) Information not available.



# TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs, essential oils, etc., represent the prices for wholesale quantities of standard quality. C.i.f. shipment quotations do not include marine war risk insurance and other abnormal charges which arise under the present state of emergency

28 Essex Street, W.C.2, May 29

THE general tone of the markets is quiet, but a fair volume of business continues, and in most commodities prices are well maintained. One or two substantial inquiries have been noted. In PHARMACEUTICAL CHEMICALS, business continues along routine lines, with fair demand, especially for smaller quantities. Prices generally remain unchanged. BENZOIC ACID continues in limited supply. Makers of BISMUTH SALTS have advanced their prices for subgallate and subnitrate by 5d. and 3d. per lb. respectively. CITRIC ACID and CREAM OF TARTAR are unchanged on last week's quotations. EMETINE HYDROCHLORIDE is at the advanced price recorded last week. QUININE continues firm, and spot prices in sterling are now a matter for negotiation. STRYCHNINE SALTS are steady at the recent advance. VANILLIN continues to be supplied only to regular consumer customers.

## Crude Drugs

These markets are generally quiet and steady, with a good spot demand for some commodities. There are few price changes to record. ALOES continues in fair demand, with not much material available on spot; there are one or two offers of new-crop. Ample supplies of Sumatra BENZOIN are available and dealers report fair sales. There are no inquiries for BUCHU. A steady spot sale of CASCARA SAGRADA is recorded. CLOVES is a rather quiet market after some activity; quotations are steady. There is no change to report in the position of COD LIVER OIL. Kordofan GUM ACACIA is quoted lower on spot, with shipment unchanged. HONEY is a steady market. Some good arrivals of MATTO GROSSO IPECACUANHA are reported, but so far do not appear to have been offered. Chinese MENTHOL has had a fair week; Japanese has been in small demand. No shipment prices are yet available for MERCURY. PEPPERS are slightly easier for shipment. Remaining stocks of RHUBARB are firmly held on spot. Stocks of Alexandrian SENNA PODS are reported to be getting low and prices are holding firm. CARNAUBA WAX is quoted slightly easier on spot.

## Essential Oils

There are no outstanding changes to record in these markets, which continue generally quiet. ANISE (STAR) has been in slow demand this week. BOIS DE ROSE is fully steady as quoted, with the market quiet. No prices can be given for CARAWAY. Substantial inquiries have been received for CASSIA, and it is reported that little material is now available; there are no shipment offers. Some activity is reported in CITRONELLA, with spot prices firmly maintained. GERANIUM is a strong market. Spot and shipment quotations for LEMON are dearer. PALMAROSA is firm. Japanese PEPPERMINT is in slow demand, but Chinese is reported much firmer.

## Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:—

Centre	Quoted	Par	May 22	May 29
Amsterdam ..	Fls. to £	12:107	—	—
Brussels ..	Belgas to £	nominal	—	—
Buenos Aires ..	Paper pesos to £	—	17:17*	17:17*
Copenhagen ..	Kr to £	18:159	—	—
Lisbon ..	Esc. to £	110	98	97½
Madrid ..	Ptas. to £	25:24½	36	36
Milan ..	Lire to £	92:46	64	61½
Montreal ..	Dols. to £	4:86½	4:45*	4:45*
New York ..	Dols. to £	nominal	4:03*	4:03*
Oslo ..	Kr. to £	18:159	—	—
Paris ..	Fr. to £	124:21	176½*	176½*
Shanghai ..	Per dollar	—	4½d.	4½d.
Stockholm ..	Kr. to £	18:150	16:90*	16:90*
Yokobama ..	Per yen	25.	1s. 5½d.	(Kobe) 1s. 5½d.
Zurich ..	Frs. to £	22:2115	17:90*	17:90*

\* Rate fixed by Bank of England. Bank rate, 2 per cent.

## Pharmaceutical Chemicals, etc.

BUSINESS is reported to be routine in character and on rather a small scale. Prices are keeping steady, the only changes of importance being slight advances in bismuth subgallate and subnitrate.

ACETANILIDE.—Market is quiet: B.P. leviss., for prompt delivery, from 2s. 2d. to 2s. 6d. per lb., according to quantity.

AMIDOPYRINE.—Dealers' quotations unchanged; market firm. One cwt., 18s. per lb.; smaller quantities, up to 20s. per lb. for crystals, with powder 3d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Scale of prices unchanged: One cwt. lots, in 1-lb. tins, 3s. 3d.; smaller lots, 3s. 6d.; in 14-lb. tins, one cwt., 2s. 9d.; smaller lots, 3s. per lb., ex store.

ATROPINE.—No change in makers' scales of prices, as follows:—

	oz.	4 oz.	25 oz.	100 oz.
Alkaloid ..	17s. 6d.	17s. 6d.	16s. 6d.	16s. 0d. 0z.
Sulphate ..	14s. 0d.	13s. 6d.	13s. 0d.	12s. 6d. 0z.

Bottles, under 5 gm. or ½ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ½ oz. to 1 oz., corked, 3½d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3½d.; stoppered, 7½d.; 50 gm. or 2 oz., corked, 4d.; stoppered, 9d. each; 100 gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

ASPIRIN.—No change in makers' scales of prices:—

Quantity	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. and under 4 lb. ..	s. d. 3 10½	s. d. 3 9	s. d. —	s. d. —	s. d. —	s. d. —
4 lb. and under 7 lb. ..	3 9½	3 8	3 7½	—	—	—
7 lb. and under 14 lb. ..	3 8½	3 7	3 6½	3 6½	—	—
14 lb. and under 28 lb. ..	3 7½	3 6	3 5½	3 5½	3 5	—
28 lb. and under 1 cwt. ..	3 6½	3 5	3 4½	3 4½	3 4	3 3½
Not less than 1 cwt. ...	2 11½	2 10	2 9½	2 9½	2 9*	2 8½
" " " 5 cwt. ...	2 11	2 9½	2 9½	2 8½	2 8½*	2 8
" " " 10 cwt. ...	2 10	2 8½	2 8½	2 7½	2 7½*	2 7

\* 8 × 14 lb. and upwards in one delivery, ½d. per lb. less.

Sale is subject to an undertaking on part of buyer not to re-sell any quantity at price or terms below scale for such quantity current at time re-sale is made, and, if he convert the aspirin into tablets, not to sell any quantity of tablets at prices or terms below scale for such quantity current at time of sale.

BARBITONE.—Occasional business reported; prices unchanged. On cwt., 22s. per lb.; 28 lb., 23s.; smaller quantities, up to 26s., ex store.

BENZOIC ACID (B.P.).—Not in great demand; quoted unchanged. Makers quote from 1s. 10½d. to 2s. 3d. per lb. for forward delivery.

BISMUTH SALTS.—Makers advise a slight modification in prices of subgallate and subnitrate. The new scales per lb. are as follows:—

	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
Carbonate ..	s. d. 11 3	s. d. 10 9	s. d. 10 0	s. d. 8 7	s. d. 8 4
Citrate ..	13 4	12 10	12 1	10 4	10 1
Nitrate, cryst. ..	7 7	7 1	6 4	5 7	5 4
Oxide ..	15 4	14 10	14 1	12 0	11 9
Salicylate ..	11 9	11 3	10 6	9 0	8 9
Subchloride ..	14 11	14 5	13 8	11 8	11 5
Subgallate ..	11 11	11 5	10 8	9 2	8 11
Subnitrate ..	9 11	9 5	8 8	7 6	7 3

A rebate of threepence per lb. allowed off 1-cwt. prices on sales of not less than 2 cwt. or against contracts of not less than 2 cwt., provided whole of contract quantity is ordered within three months. Prices net. Payments in fourteen days. For quantities of 28 lb. and upwards in the home trade, an extra charge of threepence per lb. is made for 1-lb. cartons and 1-lb. parcels, and it is a condition of resale that this extra charge shall apply even when repacking into 1-lb. cartons or 1-lb. parcels is effected by the purchaser. Smaller quantities than 28 lb. are not subject to this extra charge. Under present conditions all prices and sale conditions are named without engagement.

BORAX (B.P.).—Makers' prices are unchanged, as follows: Granulated £28 10s.; crystals, £29 10s.; powder, £30 per ton, in 1-cwt. bags, carriage paid in Great Britain, in minimum one-ton lots. Commercial quality, £ per ton less.

BROMIDES.—Makers' scales of prices are steady. POTASSIUM (B.P.) not less than 5 cwt., 2s. 2d. per lb.; 1 cwt., 2s. 3d.; 28 lb., 2s. 9d. SODIUM (B.P.) not less than 5 cwt., 2s. 4½d. per lb.; 1 cwt., 2s. 5½d. 28 lb., 3s. AMMONIUM (B.P.C.), not less than 5 cwt., 2s. 5½d. per lb. 1 cwt., 2s. 6½d.; 28 lb., 3s. 1d. Net. Rise-and-fall and re-sale clause apply. Without engagement. Special prices for larger quantities. 28-lb. parcels and 1-cwt. cases or kegs free.

CAFFEINE.—Any foreign material available on spot would be at the following prices: PURE, less than 56 lb., 23s. 6d. per lb.; 56 lb., 23s. 1 cwt., 22s. 6d. CITRATE, less than 56 lb., 16s. per lb.; 56 lb., 15s. 6d. 1 cwt., 15s. per lb.

CALCIUM LACTATE.—No change in makers' quotations of up to 1s. 8d. per lb. for small quantities.

CITRATES.—Makers' scales of re-sale prices unchanged, as follows:—

POTASSIUM, B.P.	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb. ..	s. d. 3 0	s. d. 2 10½	s. d. —	s. d. —	s. d. —	s. d. —
4 lb. and under 7 lb. ..	2 11	2 9½	2 9½	—	—	—
7 lb. and under 14 lb. ..	2 10	2 8½	2 8½	2 7½	—	—
14 lb. and under 28 lb. ..	2 9	2 7½	2 7½	2 6½	2 6½	—
28 lb. and under 1 cwt. ..	2 8	2 6½	2 6½	2 5½	2 5½	2 5

28-lb. tins charged 2s. each.

SODIUM, B.P., one penny per lb. below corresponding prices for POTASSIUM, B.P. 1-cwt. and AMMONIUM (Scales), B.P., threepence per lb. above corresponding prices for POTASSIUM, B.P. Prices net. All packages charged extra. It is a condition of sale that buyers undertake not to re-sell any of the products mentioned at prices below the value given, which came into operation on January 24.

CITRIC ACID.—Unchanged; makers' price for home consumers nominally at 1s. 2d. per lb., less 5 per cent. discount.



CODEINE.—No change in makers' scale of prices per oz., as follows:—

	½ oz.	1 oz.	2 oz.	3 oz.	4 oz.	5 oz. and upwards
alkaloid .. ..	s. d. 36 6	s. d. 34 0	s. d. 32 6	s. d. 31 9	s. d. 31 6	s. d. 28 4
hydrochloride .. ..	32 9	30 3	28 9	28 0	27 9	25 3
diide .. ..	36 6	34 0	32 6	31 9	31 6	28 4
phosphate .. ..	30 6	28 0	26 6	25 9	25 6	22 9
ulphate .. ..	32 9	30 3	28 9	28 0	27 9	25 3

CREAM OF TARTAR (B.P.).—A nominal price for home trade of 122s. per cwt., less 2½ per cent. discount, is notified by one maker, with supplies restricted to regular consumer customers. Another maker announces that deliveries are being made only against orders in hand at 130s. per cwt.

EMETINE HYDROCHLORIDE.—Makers' quotations are steady at the recent advance between 100s. and 104s. per oz., as to quantity.

EPHEDRINE.—Firm, with prices unchanged: HYDROCHLORIDE, B.P., from 7s. 7d. to 7s. 9d. per oz. for large quantities. Smaller quantities, up to 10s. per oz.

ETHERS (METHYLATED).—Makers' scales of prices steady at the increase recorded last week:—

Grade	W. qts., per lb.	Not less than		Drums, per lb.
		6 w. qts. per lb.	12 w. qts. per lb.	
s.g.	s. d.	s. d.	s. d.	s. d.
750 .. ..	1 4½	1 4	1 3½	1 2½
735 .. ..	1 5	1 4½	1 4	1 3
730 .. ..	1 5	1 4½	1 4	1 3
725 .. ..	1 7	1 6½	1 6	1 5
725, triply rectified .. ..	1 11½	1 11	1 10½	1 9½
720 .. ..	1 8	1 7½	1 7	1 6
717 .. ..	2 2	2 1½	2 1	2 0
720 B.P., not for anaesthesia ..	1 10	1 9½	1 9	1 8

et prices, usual terms. Special prices for quantities and contracts, subject to rise-and-fall clause. Prices for anaesthetic ethers unchanged.

GALLIC ACID.—Dealers are quoting in cwt. lots at from 4s. 2½d., and smaller parcels at up to 4s. 6d. per lb., ex store.

GUAIACOL CARBONATE.—Makers' and dealers are quoting limited quantities at from 12s. 6d. to 13s. per lb., ex store, as to quantity.

GUAIACOL (CRYSTALS).—Makers are quoting at from 10s. 9d. to 11s. 6d. per lb., as to quantity. Liquid, from 10s. 6d. upwards, as to quantity.

HEXAMINE.—Market quiet but steady; free-running crystals, about 5s. 7½d. for bulk quantities, up to 1s. 10½d. per lb. for small parcels; powder at cheaper prices.

HOMATROPINE.—No change in makers' scales of prices, as follows:—

	gm.	oz.	4 oz.	16 oz.
alkaloid .. ..	2s. 9d.	70s.	65s. oz.	60s. oz.
hydrochloride .. ..	2s. 2d.	55s.	50s. oz.	45s. oz.
hydrobromide .. ..	2s. 2d.	55s.	50s. oz.	45s. oz.
ulphate .. ..	2s. 2d.	55s.	50s. oz.	45s. oz.

bottles, under 5 gm. or ½ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ½ oz. to 1 oz., corked, 3½d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3½d.; stoppered, 7½d.; 50 gm. or 2 oz., corked, 4d.; stoppered, 9d. each; 100 gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

LACTIC ACID (B.P.).—Small business passing; prices steady. Quantities, in 1-cwt. carboys, 1s. 8½d. per lb.; in winchesters and bottles, 1s. 9d. to 1s. per lb., ex store, according to quantity.

MERCURIALS.—The controlled prices for these products continue at the recent advance, as follows:—

	Over 7 lb. but less than 28 lb.	28 lb. and over but less than 1 cwt.	1 cwt. and over but less than 2 cwt.	2 cwt. and over but less than 5 cwt.	5 cwt. and over
Mercury bichloride, powder .. ..	s. d. 12 8	s. d. 12 4	s. d. 12 3	s. d. 12 2	s. d. 12 0
Mercury bichloride (industrial users) .. ..	12 8	12 4	12 3	12 2	11 11
Mercury bichloride, lump .. ..	13 3	12 11	12 10	12 9	12 6
Mercury ammonium chloride, powder .. ..	14 7	14 3	14 2	14 1	13 7
Mercury ammonium chloride, lump .. ..	14 5	14 1	14 0	13 11	13 5
Mercurous chloride .. ..	15 0	14 8	14 7	14 6	14 4
Mercury oxide, red crystalline, B.P. .. ..	16 9	16 5	16 4	16 3	16 1
Mercury oxide, red levigated, B.P. .. ..	16 3	15 11	15 10	15 9	15 9
Mercury oxide, red technical .. ..	All quantities—15s. 6d. per lb.				
Mercury oxide, yellow levigated, B.P. .. ..	16 2	15 10	15 9	15 8	16 8
Mercury oxide, yellow technical .. ..	All quantities—15s. 2d. per lb.				

Packages are free for quantities of 28 lb. and over, and delivery is free on orders of £20 and over.

MERCURY IODIDES.—Makers' prices per lb. are as follows:—RED, less than 7 lb., 17s. 4d.; not less than 7 lb., 17s.; not less than 14 lb., 16s. 6d. GREEN, less than 7 lb., 19s. 4d.; not less than 7 lb., 19s.; not less than 14 lb., 18s. 6d. YELLOW, less than 7 lb., 20s. 10d.; not less than 7 lb., 20s. 6d.; not less than 14 lb., 20s. net, carriage paid.

MERCURY SULPHIDE, RED (VERMILION).—Controlled prices continue unchanged, as follows: Over 7 lb., but not more than 30 lb., 13s. 11d.; over 30 lb. but less than 1 cwt., 13s. 10d.; 1 cwt. and over but less than 5 cwt., 13s. 9d.; 5 cwt. and over but less than 10 cwt., 13s. 8d.; 10 cwt. and over but less than 20 cwt., 13s. 7d.; 20 cwt. and over, 13s. 6d. per lb. Packages free; delivery free on orders of £10 and over; all prices net cash fourteen days.

METHYL SULPHONAL.—Demand slow; spot, in limited supply, quoted at from 40s. to 42s. 6d. per lb., ex store.

PARALDEHYDE.—Spot prices for quantities, in 1-cwt. carboys, steady at 1s. 3d. to 1s. 3½d.; in winchesters, up to 1s. 10½d. per lb., ex store, for smaller quantities.

PHENACETIN.—Makers' prices for ordinary quantities continue, at from 3s. 6d. to 3s. 9d. per lb.; and quotations are given without engagement. Little material is in dealers' hands, and prices continue firm at about 6s. 9d. to 7s. per lb.

PHENAZONE.—Dealers' prices range between 18s. for bulk quantities, and 22s. per lb. for small parcels, ex store.

PHENOLPHTHALEIN.—Makers' prices are firm. Less than 7 lb., 3s. 8d. per lb.; 7 lb., 3s. 7d.; 14 lb., 3s. 6d.; 28 lb., 3s. 5d.; one cwt., 3s. 4d.

PHENYLETHYLBARBITURIC ACID (B.P.).—Limited supplies on spot: dealers continue to quote at from 30s. to 32s. 6d. per lb., in bottles, according to quantity.

PHOTOGRAPHIC CHEMICALS.—Home makers' prices are steady as quoted:

SODIUM HYPOSULPHITE.—5 cwt., 20s.; 1 cwt., 23s.; 56 lb. for 12s. 6d.; 28 lb. for 6s. 6d. SODIUM CARBONATE, RECRYST.—5 cwt., 13s. 9d.; 1 cwt., 17s.; 56 lb. for 12s. 6d.; 28 lb. for 6s. 6d. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 23s.; 28 lb. for 6s. 6d. GLYCIN.—7 lb., 13s. 6d.; 1-lb. bottles, 14s. 6d. POTASSIUM FERRICYANIDE.—Prices were recently advanced by sixpence per lb., as follows: 28 lb., 3s. 11d.; 14 lb., 3s. 3d.; 7 lb., 3s. 6d.; less than 7 lb., 3s. 9d. per lb.; 1-lb. bottles, 4s. 3d.; 8-oz. bottles, 2s. 6d.; 4-oz., 1s. 5d.; 1 oz., 10d. each. AMIDOL, 1 cwt., 8s. 6d.; 56 lb., 8s. 9d.; 28 lb., 9s. per lb., net; 14 lb., 9s. 9d.; 7 lb., 10s. 6d.; less than 7 lb., 12s. 6d. per lb., 2½ per cent. monthly account. Bulk parcels and tins free. 1-lb. bottles, 6d. extra. CHLORQUINOL.—1-lb. bottles, 21s. per lb. HYDROQUINONE.—1 cwt., 6s. 4½d.; 56 lb., 6s. 7d.; 28 lb., 6s. 10d. per lb., net; 14 lb., 7s. 3d.; 7 lb., 7s. 6d.; less than 7 lb., 8s. per lb., less 2½ per cent. monthly account. Retail quantities: 16 oz., 8s. 6d.; 8 oz., 4s. 6d.; 4 oz., 2s. 8d. Trade prices in bottles: 1-lb. bottles, 8s. 6d. each; 8-oz. bottles, 4s. 6d. each; 4-oz. bottles, 2s. 8d. each; 1-oz. bottles, 1s. 1d. each, with retail selling prices 50 per cent. additional. GOLD CHLORIDE.—15-grain tubes, 53s. per doz. MAGNESIUM POWDER.—11s. 9d. per lb. PARAMIDOPHENOL HYDROCHLORIDE.—9s. per lb., bottles free. POTASSIUM METABISULPHITE.—One cwt., 1s. 3d.; 28 lb., 1s. 6d.; 14 lb., 1s. 7d.; 7 lb., 1s. 9d.; 1 lb., 2s.; 16-oz. bottles, 2s. 6d.; 8-oz. bottles, 1s. 6d. each; 4-oz. bottles, 1s. each; 1-oz. bottles, 8d. each. PYROGALLIC ACID, CRYST.—1 cwt. and over, 9s.; 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 10s. 6d.; 7 lb., 11s.; less than 7 lb., 11s. 6d. per lb. Bulk tins free, 1-lb. tins, 4d. extra and 1-lb. bottles, 6d. extra. PYROGALLIC ACID, RESUB.—1 lb., 15s.; 8 oz., 8s. 3d.; 4 oz., 4s. 9d. each; 1 oz., 22s. per doz. oz. SODIUM SULPHIDE (PURE).—7 lb., 1s. 9d.; 1 lb., 2s. per lb., bottles free. SODIUM SULPHITE RECRYST.—One cwt., 24s. 6d. per cwt.; 56 lb. for 13s. 3d.; 28 lb. for 7s. METOL.—1 cwt., 11s.; 56 lb., 11s. 3d.; 28 lb., 11s. 6d. per lb., net; 14 lb., 12s.; 7 lb., 12s. 9d.; 3 lb., 13s. 6d.; less than 3 lb., 14s. per lb., less 2½ per cent. monthly account; bulk tins free; 16-oz. bottles, 6d. each extra. Retail quantities: 16 oz., 14s. 6d.; 8 oz., 8s.; 4 oz., 4s. 3d., bottles free.

PILOCARPINE.—Makers' prices are steady, as follows:—

	oz.	4 oz.	25 oz.	100 oz.
Alkaloid .. ..	21s. 6d.	21s. 0d.	20s. 6d.	20s. 0d. oz.
Hydrochloride .. ..	16s. 6d.	16s. 0d.	15s. 6d.	15s. 0d. oz.
Nitrate .. ..	14s. 0d.	13s. 6d.	13s. 0d.	12s. 6d. oz.

Bottles, under 5 gm. or ½ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ½ oz. to 1 oz., corked, 3½d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3½d.; stoppered, 7½d.; 50 gm. or 2 oz., corked, 4d.; stoppered, 9d. each; 100 gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

PIPERAZINE.—About 75s. per lb., is asked for bulk quantities; small lots, in 1-oz. bottles, 5s. 6d. to 6s. per oz.

POTASSIUM PERMANGANATE.—Makers' scales of prices continue unchanged, as follows:—

Minimum delivery of	B.P. Quality		Technical	
	In 1-cwt. drums	In 5-cwt. drums	In 1-cwt. drums	In 5-cwt. drums
	Per lb.	Per lb.	Per cwt.	Per cwt.
	s. d.	s. d.	s. d.	s. d.
1 cwt. up .. ..	1 5½	—	161 6	—
3 cwt. up .. ..	1 5	—	157 0	—
5 cwt. up .. ..	1 4½	1 4½	154 6	152 0
1 ton up .. ..	1 4½	1 4½	152 0	149 6
4 tons up .. ..	1 4½	1 4	149 6	147 3

Terms: Net, delivered nearest railway station in Great Britain; drums extra and returnable.

QUININE.—Market very firm. Quotations in Dutch florins are no longer available. Spot prices in sterling are a matter for negotiation.

RESORCIN.—No change in makers' prices: Not less than 7 lb., 7s. 3d. per lb.; not less than 14 lb., 7s.; not less than 56 lb., 6s. 10d., not less than 1 cwt., 6s. 9d. Any spot material in dealers' hands would be worth about 8s. 6d. to 9s. per lb.



**ROCHELLE SALTS.**—Makers' prices for SODIUM AND POTASSIUM TARTRATE, B.P., continue firm at the recent advance: Powder, less than 1 cwt., 112s. 6d., less than 5 cwt., 110s.; not less than 5 cwt. in one delivery, 107s. 6d.; crystals, 2s. 6d. per cwt. extra. **PULV. SEIDLITZ.**—Less than 1 cwt., 88s. 9d.; less than 5 cwt., 86s. 9d.; not less than 5 cwt. in one delivery, 85s. per cwt. **DOUBLE SEIDLITZ.**—Less than 1 cwt., 99s.; less than 5 cwt., 96s. 9d.; not less than 5 cwt. in one delivery, 94s. 6d. per cwt., net, from fourteen days; contracts subject to rise-and-fall clause.

**SACCHARIN.**—The duty-paid Convention price for 550 material continues unchanged at 98s. 4d. per lb., with supplies somewhat limited. Neither wholesale nor retail prices are under Government control.

**SALICYLIC ACID (B.P.).**—Makers' scales of prices are as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb. . . . .	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
4 lb. and under 7 lb. . . . .	2 7½	2 6	—	—	—	—
7 lb. and under 14 lb. . . . .	2 6½	2 5	2 4½	—	—	—
14 lb. and under 28 lb. . . . .	2 5½	2 4	2 3½	2 3½	—	—
28 lb. and under 1 cwt. . . . .	2 4½	2 3	2 2½	2 2½	2 2	—
1 cwt. and under 5 cwt. . . . .	2 3½	2 2	2 1½	2 1½	2 1	2 0½
5 cwt. and under 1 ton . . . . .	1 11½	1 10	1 9½	1 9½	1 9*	1 8½
1 ton . . . . .	1 11	1 9½	1 9½	1 8½	1 8½*	1 8
	1 10	1 8½	1 8½	1 7½	1 7½*	1 7

\* 8 x 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons; other packages charged extra. Can be assorted with sodium salicylate. Prices are quoted subject to an undertaking on part of buyer not to re-sell any quantities at prices or terms below scale for such quantities current at time re-sale is made.

**SALOL.**—Firm and unchanged at from 6s. 9d. to 7s. per lb., as to quantity.

**SODIUM BARBITONE.**—Current quotations continue unchanged, as follows: One cwt., 23s. per lb.; 28 lb., 24s.; smaller quantities, 27s., ex store.

**SODIUM BENZOATE (B.P.).**—The increased demand for this product is rather difficult to meet, but it is believed that the position will become easier during the next few weeks.

**SODIUM SALICYLATE (B.P.).**—Makers' prices steady at the recent advance:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb. . . . .	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
4 lb. and under 7 lb. . . . .	3 0	2 10½	—	—	—	—
7 lb. and under 14 lb. . . . .	2 11	2 9½	2 9½	—	—	—
14 lb. and under 28 lb. . . . .	2 10	2 8½	2 8½	2 7½	—	—
28 lb. and under 1 cwt. . . . .	2 9	2 7½	2 7½	2 6½	2 6½	—
1 cwt. and under 5 cwt. . . . .	2 8	2 6½	2 6½	2 5½	2 5½	2 5
5 cwt. and under 1 ton . . . . .	2 3	2 1½	2 1½	2 0½	2 0½	2 0
1 ton . . . . .	2 2½	2 1	2 0½	2 0½	2 0*	1 11½
	2 2	2 0½	2 0½	1 11½	1 11½*	1 11

\* 8 x 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons; other packages charged extra. Can be assorted with salicylic acid. Prices are quoted subject to an undertaking on part of buyer not to re-sell any quantities of above product at prices or terms below scale for such quantities current at time re-sale is made.

**STRYCHNINE SALTS.**—British makers' prices per oz. are steady at the recent advance, as follows:—

	Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over		Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over
Alkaloid, cryst. . . . .	s. d.	s. d.	s. d.	Nitrate, powder . . . . .	s. d.	s. d.	s. d.
" precip. . . . .	2 8	2 7	2 6	" " No. 2 . . . . .	2 5½	2 4½	2 3½
Acetate . . . . .	2 10½	2 9½	2 8½	Pbosphate . . . . .	1 11	1 10	1 9
Arsenate . . . . .	2 9	2 8	2 7	Sulphate, neutral, cryst. . . . .	3 3½	3 2½	3 1½
Arsenite . . . . .	2 10½	2 9½	2 8½	Sulphate, neutral, powder . . . . .	2 2	2 1	2 0
Bisulphate . . . . .	2 0½	1 11½	1 10½	Sulphate, neutral, powder No. 2 . . . . .	1 9	1 8	1 7
Hydrochloride . . . . .	2 5½	2 4½	2 3½				
Hypophosphite . . . . .	5 2	5 1	5 0				
Nitrate, cryst. . . . .	2 5½	2 4½	2 3½				

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months. Terms net thirty days. Wholesale distributors' prices for small quantities would be dearer.

**SULPHONAL.**—Dealers are quoting at about 33s. to 35s. per lb., according to quantity.

**TARTARIC ACID (B.P. CRYSTALS).**—Makers' quotation continues nominal at 1s. 6½d. per lb., less 5 per cent. discount, with supplies reserved for regular consumer customers. Small supplies of foreign material are worth about 2s. 3d. per lb.

**THEOBROMINE.**—Any foreign material on spot would be at the following prices: PURE, less than 56 lb., 23s. 6d. per lb.; 56 lb., 23s.; 1 cwt., 22s. 6d. per lb.

**VANILLIN.**—Quoted unchanged, with supplies still limited to regular consumers. Ex clove oil or guaiacol, five cwt., 14s. 6d. per lb.; one cwt., 14s. 7½d.; 56 lb., 14s. 9d.; less than 56 lb., 15s. carriage paid in the United Kingdom.

## Crude Drugs, etc.

THESE markets have been quiet during the week, with a fair spot demand.

**AGAR.**—Demand for this product continues fair. Kobe No. 1, 8s. to 8s. 6d. per lb.; Kobe No. 2, 7s. 7½d. to 7s. 9d.; Yokohama No. 1, 7s. 7d. to 7s. 9d., duty paid. Japanese, firm; shipment, May-June, Kobe No. 1, 7s. 9d.; Kobe No. 2, 7s. 4½d.; and Yokohama No. 1, 7s. 5d.

**ALKANET ROOT.**—Dealers are quoting spot supplies at about 77s. 6d. per cwt., ex store.

**ALOES.**—Curaçao, in fair demand, but little available on spot; value i about 300s. per cwt., ex store. Some shipment offers are reported vi New York at 225s. to 230s. per cwt., c.i.f. Cape, steady, with small busines passing; spot, 57s. 6d. to 60s. per cwt.; Zanzibar, leaves, quoted at about 80s. to 85s. per cwt., ex store.

**ANTIMONY.**—English regulus, £106. Continental regulus, £99 per ton duty paid.

**BALSAMS.**—Values are steady; business quiet. *Tolu*, about 7s. to 7s. 3d. with not much available. *Canada*, in small supply at about 5s. 3d. *Copaiba*, Para, 3s. 6d.; *Peru*, 8s. 9d. per lb., duty paid.

**BENZON.**—Good stocks on spot; business fair. About £5 10s. to £6 10s. is quoted for Sumatra, according to quality.

**BUCHU.**—Little inquiry; prices quoted unchanged. New-crop rounds about 2s. 7d. to 3s., and ovals, 2s. 7d. per lb., ex store. Shipment is quoted at about 2s. 6d. per lb., c.i.f., for new crop.

**CARDAMOMS.**—Values unchanged; market quiet. Ceylon, from 3s. 6d. to 5s. per lb., according to quality; Bombay seed, 4s. 6d. per lb.; Mangalore seed, 4s. 3d.; Aleppy greens, spot, 3s. 2d.

**CAMPHOR.**—A good spot turnover, with values maintained. Tablets, spot, 5s. 6d. per lb., slabs, 5s. 3d.; powder, in good demand but not available. No shipment prices from Japan, and no offers of BB commercial grade. Continental synthetic powder, 5s. 3d.; tablets, 5s. 6d. per lb. ex store. English makers of refined recently increased their prices a follows: Flowers, one cwt., 5s. 9d.; 28 lb., 5s. 10d.; less than 28 lb. 5s. 11d. per lb. Transparent tablets, ½-oz., one cwt., 6s. 3d.; 28 lb. 6s. 4d.; less than 28 lb., 6s. 5d. per lb.

**CASCARA SAGRADA.**—Fair demand for spot material: 1939 peel, about 95s. per cwt., duty paid; 1938, peel, about 110s. per cwt., duty paid. Between 65s. and 70s. per cwt., c.i.f., is suggested for new-crop, but with little business passing.

**CASCARILLA.**—Spot is worth about 1s. 6d. per lb.; siftings, about 1s. 4d. per lb.

**CLOVES.**—Market rather quiet; quotations steady. Zanzibar, spot, 9½d. per lb.; shipment, May-June, 9½d., c.i.f.; Madagascar, sellers a 9½d. per lb., in bond; shipment, May-June, 9½d. per lb., c.i.f.

**COCONUT (DESICCATED).**—Market has been rather quiet. Spot, fine 26s. 6d.; medium, 26s.; shipment, May-June, 22s., c.i.f., nominal.

**COD LIVER OIL.**—The position of this product continues unchanged. Norwegian medicinal oil is in short supply on spot, and no material is coming forward. Quotations for finest-quality British medicinal oil are nominal.

**DERIS ROOT.**—About 7½d. to 8d. per lb. is quoted on spot for 18 per cent. ether extract. Root of about 4 to 5 per cent. rotenone content would be worth about 1s. 3d. per lb., if available. No shipment offers.

**ERGOT.**—Spot supplies continue limited. Portuguese, about 25s. to 26s. per lb.; shipment, about 21s. to 22s. 6d. per lb., c.i.f. Spanish, spot if available, about 27s.; shipment, about 21s. 6d., c.i.f. Hungarian, spot about 14s. 9d. to 15s. for small lots; afloat, about 13s. per lb., c.i.f.

**GAMBOGE.**—Business fair; some good Siam pipe available at about £25 to £26 per cwt., duty paid, according to seller.

**GENTIAN.**—French root is quoted on spot at about 52s. 6d. to 55s. per cwt., ex store.

**GINGER.**—Market quiet. West African, spot, 30s. per cwt.; shipment May-June, 24s., c.i.f. Jamaican, spot, small-medium, 52s. 6d.; bold, in barrels, 85s. per cwt., ex store. Cochinchina, unwashed, 45s. per cwt., ex store shipment, 33s. per cwt., c.i.f.

**GUM ACACIA.**—Market continues quiet. Kordofan cleaned sorts, easier on spot at about 62s. 6d.; shipment, 45s. per cwt., c.i.f.

**HENBANE.**—Spot, about 200s. per cwt., nominal. Supplies small.

**HENNA.**—Limited supplies of new-crop Egyptian leaves are available in London at from 55s. per cwt., ex store, according to colour. It is difficult to obtain freight for this product.

**HONEY.**—Market steady, with quotations unchanged. Jamaican nominal at about 90s. to 105s. per cwt. Canadian is short and the value is now not less than 95s. per cwt., ex store. Some Australian is offered in London at 80s. to 85s. per cwt., as to grade.

**IPPECACUANHA.**—Firm on spot. Matto Grosso, about 26s. to 27s. per lb. according to holder. Some good arrivals are reported, but do not appear to have been offered; shipment, June-July, firm at about 24s. per lb. c.i.f. Minas, spot, about 12s. 9d. to 13s. per lb., according to test; shipment about 10s. 3d. to 10s. 9d. per lb., c.i.f. EXT. IPPECAC. LIQ., 35s. 6d. per lb. for minimum lots of twelve winchesters.

**MENTHOL.**—Good business is passing in Chinese, with not much available on spot under about 16s. per lb. Prices from China for June-July shipment vary between 15s. and 15s. 6d.; re-sellers at 14s. Japanese is in small demand; K/S brands are at about 20s. per lb., duty paid, and 19s. in bond Shipment, about 25s. per lb., c.i.f.



**MERCURY.**—The only price available is one of £51 8s. 6d. per bottle of 75 lb., ex warehouse London, net, without engagement. No shipment prices available.

**PEPPER.**—Market continues steady; business moderate. Lampong, in bond, 3½d.; May–June, 3d., c.i.f. Tellicherry, spot, 4½d.; May–June, 34s. per cwt., c.i.f. Aleppo, spot, 4½d.; May–June, 34s., c.i.f. White Muntok, duty paid, 5½d.; in bond, 4½d.; May–June, 4½d. per lb., c.i.f.

**PIMENTO.**—Steady, but quiet. Spot, 1s. 2d. per lb.; shipment, May–June, 112s. per cwt., c.i.f.

**RHUBARB.**—Firm on spot. Small supplies of good-quality rough-round are valued at about 4s. 10½d. to 5s. per lb.; shipment, about 4s. 9d., c.i.f. A parcel of Shensi is reported arrived, but so far has not been offered on the market.

**RUBBER.**—Market closed quiet, with business moderate. Standard ribbed smoked sheet, spot, 11½d.; shipment, June, 11½d.; July–September, 11½d.; October–December, 11½d. per lb.

**SEEDS.**—**ANISE.**—Spot, Cyprus, 77s. 6d., duty free; Bulgarian, 75s., and Syrian, 76s., both duty paid. **CANARY.**—Spot, Mazagan, quoted at 25s. 6d.; and Morocco, 24s. 6d., duty paid. **CARAWAY.**—Spot, Dutch (few bag lots), worth 125s., duty paid. **CORIANDE.**—Spot, Morocco, duty paid, 21s. to 22s., and in bond, 20s. **CUMIN.**—Spot, Malta, 82s. 6d.; Cyprus, 77s. 6d., both duty free; Morocco, 80s., duty paid, and 75s. in bond. **DILL.**—Spot, Indian, 36s., duty free. **FENNEL.**—Spot, Indian, 55s. to 57s. 6d., duty free; Iran, 52s. 6d. to 55s., in bond. **FENUGREEK.**—Spot, Morocco, 19s. 6d., duty paid, and 18s., in bond. **MUSTARD.**—55s. to 62s. 6d., according to quality.

**SENEGA.**—Small spot business done at 4s. 10½d. per lb. Prices from source vary; June–July shipment, about 3s. 10d. to 4s. 2d. per lb., c.i.f.

**SENNA.**—Stocks are reported to be getting low, and prices are holding firm. Tinnevely pods, best pale hand-picked, 10½d.; darker grades, 6½d. to 7½d.; f.a.q., 5½d. per lb.; leaves, No. 1, 8½d.; No. 2, 5½d.; No. 3, 4½d. per lb.

**SHELLAC.**—Market has been quiet this week, with quotations unchanged. Spot, standard TN orange, 81s. to 84s.; pure button, 120s.; fine orange, 125s. to 170s. per cwt. For arrival, TN orange, 69s. per cwt., c.i.f.

**STRAMONIUM LEAVES.**—Spot is quoted at in the region of 70s. to 75s. per cwt.

**TONKA BEANS.**—Fair frosted Para beans quoted at from 2s. to 2s. 6d. per lb. as to quality and quantity, ex store. Angostura, spot, 9s. per lb. Business continues quiet.

**TRAGACANTH.**—Quoted values unchanged; market quiet. Finest selected white ribbon, from £82. No. 1, white, £75; No. 2, white, £63; No. 3 white, £49; pale leaf, £30; amber leaf, £22 10s.; red leaf, from £10 10s. Woody and hoggy, from £7 10s. All prices are per cwt., ex store London.

**TURMERIC.**—Spot, Madras and Rajapore finger, quoted at 42s. 6d.; shipment, June–July, Madras, 35s., c.i.f., and Rajapore, 35s. 6d., c.i.f.

**WAXES.**—**BEE'S:** Values maintained, but business limited owing to lack of stock. Spot, from 170s.; in bond, 160s.; shipment, Dar-es-Salaam, 157s. 6d. per cwt., c.i.f. Japanese, first three brands, spot, 120s., duty paid; shipment, 97s. 6d., c.i.f. **CARNAUBA:** Forward quotations continue at recent advances. Fatty grey, 410s.; chalky grey, spot, 395s. Primeira, spot, 500s.

### Essential and Expressed Oils, etc.

The volume of business in these products is restricted, but prices continue generally steady. There have been good inquiries for cassia. Citronella is rather more active. Geranium is strong; rosemary firm.

**ALMOND.**—Continues about steady on a quiet market. Expressed, on spot, is valued at about 3s. 3d. to 3s. 9d. per lb., in cwt. lots, and up to 3s. 9d. per lb. for smaller quantities, ex store. Genuine French bitter is firm at about 12s. 6d. upwards per lb., ex store.

**ANISE (STAR).**—The spot market has attracted only a limited demand this week. Tins in cases are valued at 4s. 1½d. to 4s. 2d. per lb.; leads, 4s. 3d.; drums, 4s.; shipment, May–June, tins in cases, 3s. 8d. to 3s. 9d.; drums, about 3s. 6d. per lb., c.i.f.

**BAY.**—Spot business has been of a routine character, and the price is quoted steady at from 5s. 3d. to 6s. per lb., ex store, as to quantity.

**BERGAMOT.**—Supplies of genuine oil are limited, and, on spot, would now be worth about 40s. per lb., nominal, ex store.

**BOIS DE ROSE.**—Occasional spot inquiry; quoted steady. Spot is worth about 8s. to 8s. 6d. per lb., ex store. Shipment, about 7s. 6d. per lb., c.i.f.

**CARAWAY.**—Scarce on spot, with values nominal.

**CASSIA.**—Good inquiries have been received during the week, but spot supplies of good oil are limited. Value would be about 5s. 6d. per lb. for leads, with drums slightly less. No shipment offers.

**CITRONELLA.**—Some activity is reported in this product. Ceylon is well maintained on spot at about 2s. 4d. to 2s. 6d. per lb., for drums; small quantities, up to 3s. per lb.; shipment, drums, quoted at about 1s. 11d. per lb., c.i.f. Java, on spot, is worth about 2s. 6d. to 2s. 10½d. for drums; small quantities, up to 3s. per lb.; shipment, slightly dearer at about 2s. per lb., c.i.f.

**CIVET.**—Spot would be worth about 29s. per oz. for highest-quality material.

**CLOVE.**—Spot quotations continue in the region of 5s. per lb. and upwards for Madagascar, in drums, if available. English distilled oil continues firm at about 7s. to 7s. 3d. per lb., according to quantity.

**EUCALYPTUS.**—Spot is quoted at about 4s. 6d. to 5s. per lb. for 70 to 75 per cent. oil, according to holder. Shipment, May–June, about 3s. per lb., c.i.f.

**GERANIUM.**—Market strong. Bourbon, good-quality, firmly held at 15s. to 16s. per lb.; shipment, firm at about 13s. 6d. per lb., c.i.f. Algerian, spot, about 16s. per lb.; no shipment offers available.

**GRAPEFRUIT.**—Good supplies of genuine Californian are available at about 12s. to 12s. 6d. per lb., according to quantity.

**LEMON.**—Finest hand-pressed is now quoted on spot at about 23s. per lb., with blended oils at lower prices; shipment, about 23s. per lb., c.i.f. Californian oil, distilled, regular quality, 8s. 6d. per lb., at wharf. Shipment prices for cold-pressed are at the 20 cents increase recorded recently.

**LIME.**—Market firm; quotations unchanged. Genuine West Indian, spot, about 24s. to 25s. per lb.; other qualities at cheaper prices.

**LINSEED.**—The controlled price for large bulk quantities of crude, naked ex works, is at £47 10s. per ton. Distributors' prices for ordinary quantities of crude or boiled, packed and carriage paid, would be at higher figures.

**ORANGE.**—No shipment prices are available. Spot, quoted at about 5s. per lb. Californian oil is quoted in sterling at 4s. 10d. per lb., in small drums, ex store, duty paid, limited supplies only being available.

**OTTO OF ROSE.**—Bulgarian is quoted at about £80 per kilo, and Anatolian at about £60 per kilo.

**PALMAROSA.**—Market firm; no change in quotations. Spot, about 11s. 6d. per lb., ex store, with supplies limited. Shipment firm at about 10s. per lb., c.i.f.

**PATCHOULI.**—A fair demand continues. Genuine Singapore is valued on spot at about 35s. to 37s. 6d. per lb. Seychelles material is also in limited supply and is worth about 27s. 6d. to 30s., nominal. No shipment offers.

**PEPPERMINT.**—There has been a slow demand for Japanese, and small stocks are available at about 9s. 3d. to 9s. 6d. per lb. Japanese shippers are quoting between 8s. 6d. and 9s. 6d. per lb., c.i.f., for May–June shipment. Chinese oil is much firmer, and spot would be worth about 6s. per lb., with sellers asking more; shipment, June–July, about 6s. per lb., c.i.f., with resellers at 5s. 9d., c.i.f. American natural oil remains steady. Quoted at 14s. 3d. in drums, and 14s. 6d. in tins in cases, c.i.f. Spot, about 16s. per lb., ex store.

**PETITGRAIN.**—Spot is quoted at about 8s. 9d. to 9s. per lb., according to grade and packing.

**ROSEMARY.**—Market firm. Spanish, on spot, is worth about 3s. 6d. to 4s. per lb., ex store. Tunis is in the region of 3s. 6d. per lb.

**SANDALWOOD.**—Genuine East Indian Mysore, in one-case lots, 19s. per lb. East Indian, produced outside the province of Mysore, 18s. per lb., for bulk quantities. English-made West Indian, 15s. per lb. Australian, one-case lots, 16s., and five-cwt. lots, 15s. 6d. per lb.

**SPIKE.**—Market firm. Good-quality Spanish oil is worth about 8s. per lb., ex store. Stocks in Spain are reported low.

**TI-TREE.**—Importers are offering on spot at about 52s. 6d. per gallon, in tins.

**TURPENTINE (AMERICAN).** Values are steady: London, 54s. 9d. per cwt., tax paid, in barrels, ex wharf; Liverpool, 61s., in barrels, ex store.

**TURTLE.**—Empire oil is quoted as follows: Refined hydrogenated green, in one-gallon tins, 45s. per gallon; filtered crude green, 2s. to 2s. 6d. per lb., according to package.

**VETIVERT.**—Firm, with quotations unchanged. Bourbon, spot, about 25s. to 26s. 6d. per lb. Java, spot, about 21s. to 22s. per lb., ex store.

**WORMSEED.**—Market continues steady; supplies limited. Spot is valued at about 24s. 6d. per lb.; shipment, about 23s. per lb., c.i.f.

**Synthetics.**—The following are the current prices:—**AMYL ACETATE**, pure, 110s. per cwt., technical, 105s. per cwt. **AMYL SALICYLATE**, 3s. 3d. to 3s. 9d. per lb. **AUBEPINE**, ex para cresol, 16s. to 17s. per lb., nominal; ex anethol, 16s. to 17s. per lb. **BENZALDEHYDE**, about 2s. 9d. to 3s. 6d. per lb. **BENZYL ACETATE**, 2s. 6d. to 3s. per lb. **BENZYL ALCOHOL**, 2s. 6d. to 3s. 6d. per lb. **BROMSTYROL**, 100 per cent., nominal, 17s. per lb. **CITRAL**, chemically pure, about 9s. to 11s. per lb., for good quality. **COUMARIN**, English makers quote nominal at about 13s. 6d.; imported material, up to 22s. per lb. or more. **ETHYL PHTHALATE**, about 1s. 6d. per lb. for cwt. lots and up to 2s. 6d. for smaller quantities. **EUGENOL**, 9s. to 11s. per lb. **GERANIOL**, ex palmarosa, 20s. per lb. **HELIOTROPIN**, 100 per cent. crystals, quoted nominal at 21s. per lb. **ISOEUGENOL**, 11s. to 12s. per lb. **METHYL ANTHRANILATE**, nominal, 16s. per lb. **MIRBANE**, cwt. lots at 9d. per lb.; small quantities at higher prices. **MUSK KETONE**, price now 20s. per lb. **MUSK XYLOL**, 7s. to 8s. per lb. **MUSK AMBRETTE**, 17s. to 18s. per lb. **PHENYL ETHYL ALCOHOL**, nominal, 14s. 6d. per lb. **SAFROL**, pure, 6s. 6d. to 7s. per lb. **TERPINEOL**, nominal, 2s. 3d. to 2s. 9d. per lb.

### TRADE-MARK APPLICATIONS

(From "The Trade Marks Journal," May 15, 1940)

"MONITA" for pharmaceutical preparations (5) (IV). By Monexa, Ltd., Gracechurch Street, London, E.C.3. 610,860.

"VALDERMA" for antiseptic creams (5) (IV). By Dae Health Laboratories, Ltd., Cunard Road, Chase Estate, London, N.W. 10. 610,887.

"POTENSAGEL" for pharmaceutical preparations (5) (IV). By The Gelo Products Co., 153 North Street, Charing Cross, Glasgow, C.3. 610,965.

"FYNNON SALT" on design with words "Nature's salt of the earth," etc., for salts for use in medicine and pharmacy (5) (IV). By Fynnon, Ltd., Maclean's Corner, Great West Road, Brentford. 611,056 (Associated).

"BARNADIXIA" for medicinal, pharmaceutical, veterinary and sanitary preparations (5) (IV). By S. P. Williams, 55 Burton Road, Lincoln. 611,140.

"IPESANDRIN" for pharmaceutical, veterinary and sanitary substances, and disinfectants. (5) (IV). By Sandoz, Ltd., 60 Fabrikstrasse, Basle, Switzerland. 611,211.

"BARLOVA" for malted milk (29) (IV). By The Maltex Factory, Hyde, Cheshire. 611,242 (Associated).



## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### Economy in Prescribing

SIR,—If it could be shown that adoption of a standard size of mixture was not only a convenience but also a time-saver to the prescriber, we may feel sure it would be taken up by many practitioners and gradually become general. Restriction backed by an instruction from the Ministry of Health would no doubt bring about the desired result, but chemists can remember instances when a recommendation for economy on the part of prescribers has resulted in freak prescriptions, such as for an ounce each of two separate ointments with instructions to the patient to use a little of each, thus saving the dispensing fee on a compounded ointment. When Insurance scripts were issued in duplicate and the chemist had to file the copy, I used to dispense some from a doctor who objected to providing chemists with a carbon copy, but who, when the duplicates were discontinued, gave his patients a carbon copy to bring with them on their next visit, so that he could refer to the previous prescription. If a practitioner could change his ideas to this extent to suit his own convenience, then he could prescribe a standard size mixture to help the chemist without being unduly inconvenienced. One thing that could be done by branches is to ascertain the most frequently prescribed sizes on their areas.—Yours faithfully,

C.C. (22/5).

### Pharmacy and Distribution

SIR,—The facts relating to the distributive trades, given by Mr. F. C. Wilson (*C. & D.*, May 25, p. 391), repay one for careful study. The figures given show that the multiples average nearly four times and the co-operatives over three times as much turnover as the private pharmacist. It appears that the chemist takes less money over his counter than any other shopkeeper in the street, a fact that I, for one, have long suspected to be true. Against this the proportion of gross and net margins of profit is higher than in other sections of the retail trade, but, when taken in conjunction with the lower rate of returns, it seems not to afford adequate remuneration for the standard of qualification required. The section dealing with "Standardised Packaging and its Results" suggests that the retailer of the future will be a mere hander-out of ready-packed goods about which he has no specialised knowledge, and for which he requires neither training nor a trained staff. Personally I do not think pharmacy will ever become quite such an automatic business as this. In spite of the many branded lines of simple drugs, packed by wholesalers and manufacturers, quite a few chemists still pack their own in the pharmacy, and from my own experience I can say it is well worth doing. If the quality of the drugs is assured and the neatness of the pack is studied, one need not fear the competition of any branded line. Where the system of factory packaging hits the business of pharmacy most is in inducing other shopkeepers to take up the sale of drugs.—Yours faithfully,

IMPROVER (25/5).

### Slack Moments

SIR,—I cannot speak of the 'eighties, as I was in my school days in that decade, but I served my apprenticeship during the 'nineties, and we had certainly no leisure then for playing whist in the afternoons, as narrated by "Xrayser" (*C. & D.*, May 18, p. 367). Possibly the speeding-up process had already started, giving a foretaste of the present age of hurry and rush. So far from wanting to fill up time, my recollection is that there was always plenty of work to do, and when one remembers that the hours were much longer in those days (pharmacies seldom closing before ten o'clock at night) and that there were no statutory half-holidays, I think it may be said we worked just as hard then as now. At the present time one could divide the day's work under three main headings: serving customers, dispensing insurance prescriptions, and the work connected with ordering and putting into stock goods from the wholesalers. In those days, though some chemists may not have had many scripts to dispense (where I was apprenticed there was a good dispensing practice), most of the lines that now come in ready packed were put up behind the counter, and this meant there was always some job waiting to be done. My apprentice-master used to keep a waiting-list of packed goods to be put up and galenicals to be made, for we made all we could, in addition to packing them, and it was my ambition to achieve a clean sheet. I never succeeded, for as soon as I had nearly cleared one list another was forthcoming, and this was a permanent indication that the stock was being turned over. As we kept a work book with a record of all stock packed, there was a permanent record of how much of each item had been sold and one could tell at a glance whether sales were increasing or not.—Yours faithfully,

PACKEM (18/5).

## MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

**Casein Glue.**—The following is taken from "Pharmaceutical Formulas":—

Casein .. .. .	78 parts
Disodium carbonate .. .. .	4.5 parts
Sodium fluoride .. .. .	4 parts
Freshly-slaked lime .. .. .	12.5 parts
Sodium arsenate .. .. .	1 part

For use mix with either water or a weak solution of gelatin glu

**Flux Mixtures.**—*L.S.* (27/3).—The following are taken from "Pharmaceutical Formulas," Vol. II, and may be of service to you:—

I	
Zinc chloride .. .. .	2 oz.
Ammonium chloride .. .. .	1 oz.
Water .. .. .	7 oz.
II	
Resin .. .. .	25 parts
Tallow .. .. .	65 parts

Melt together and incorporate ammonium chloride 10 parts. Still cold.

**Netol Dermatitis.**—*A. L. H.* (4/14).—The following formula for ointments are given in "Pharmaceutical Formulas," Vol. II:

I	
Ichthyol,	
Resorcin,	
Glycerin .. .. .	of each 1 oz.
Zinc oxide .. .. .	1/2 oz.
Soft paraffin .. .. .	6 oz.
II	
Zinc oxide .. .. .	1 dr.
Camphor .. .. .	1/2 dr.
Lanolin .. .. .	5 dr.
Almond oil .. .. .	3 dr.

Use at bedtime. As a preventive of the complaint the hand should be immersed before, during and after developing operation in a bath made by adding twenty drops of hydrochloric acid to pint of water.

**Industrial Methylated Spirit.**—*A. L. P.* (16/5).—A prescription or order for I.M.S. diluted or undiluted must specify the quantity required, must not be acted on more than once, or more than seven days after the date borne, and, unless issued under N.H.I. must be kept for two years. Articles made with I.M.S. on prescription not issued under N.H.I. must be entered in prescription book with name of person for whom prescription is written and person to whom signed.

**Bath Salts.**—*Y. L.* (15/5).—The following are formulas for the type of bath salts you have in mind:—

Oxygenated	
Sodium sesquicarbonate .. .. .	60
Sodium bicarbonate .. .. .	30
Sodium perborate .. .. .	9
Perfume and colour .. .. .	1
Medicated	
Sodium sesquicarbonate .. .. .	32.0
Sodium sulphate .. .. .	12.0
Disodium phosphate .. .. .	26.0
Magnesium sulphate .. .. .	12.5
Tartaric acid .. .. .	16.5
Perfume and colour .. .. .	1.0

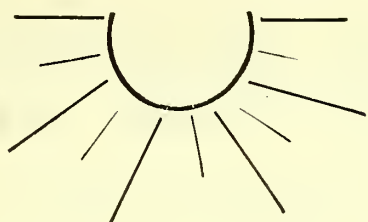
Dry the ingredients before mixing, adding the sodium sulphate last.

**Beard Softening Cream.**—*A. T.* (16/5).—A formula for beard softening cream is as follows:—

Stearic acid .. .. .	20.0
Cetyl alcohol .. .. .	4.5
Glycerin .. .. .	10.4
Triethanolamine .. .. .	0.75
Borax .. .. .	0.85
Sodium lauryl sulphate .. .. .	3.0
Water .. .. .	60.0
Perfume .. .. .	0.5

Melt the stearic acid and the cetyl alcohol. Bring the temperature to about 70° C. Put the triethanolamine, glycerin and borax into the water and bring to the same temperature. Then add the sodium lauryl sulphate. Mix rapidly and add the melted material and continue mixing until the temperature drops to about 40° C. then add the perfume.





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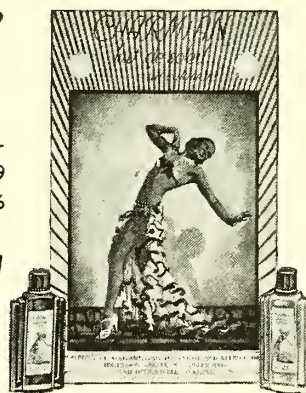
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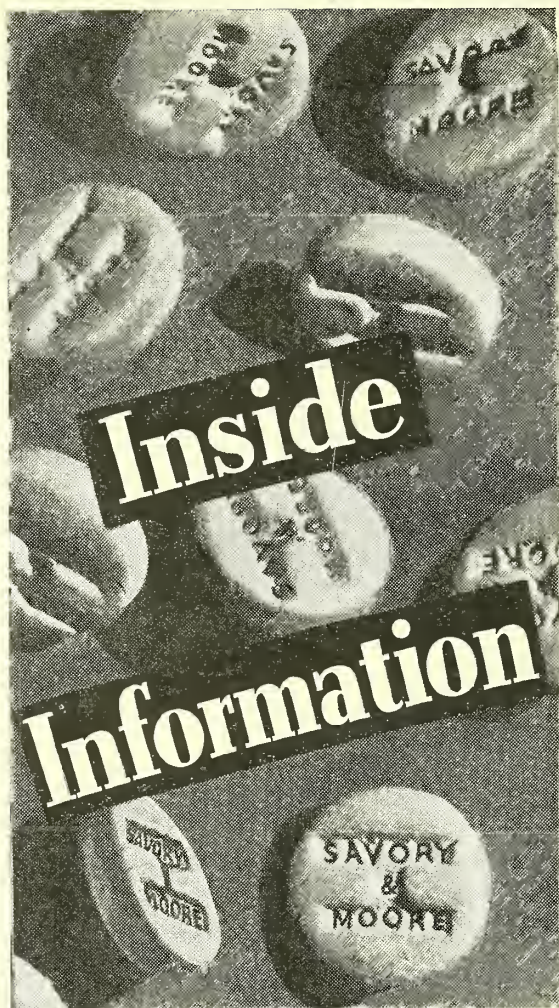
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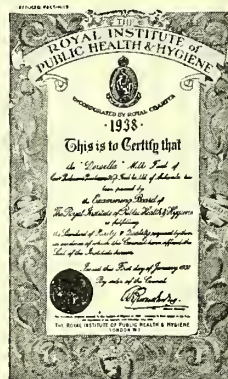
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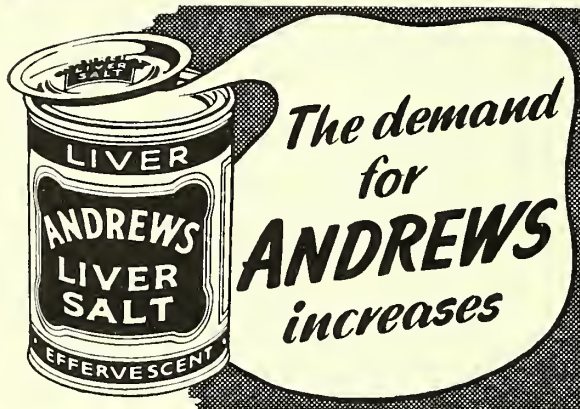


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**A. LEVERMORE & CO. LTD.** ABC Codes,  
110 CANNON STREET, LONDON, E.C.4. 6th Edition**OPTREX<sup>BRAND</sup> EYE LOTION***A "Chemist's Friend" line*LARGE-SCALE  
NATIONAL ADVERTISING HAS  
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Optrex Ltd., Wadsworth Road, Perivale, Middlesex**Halibut Liver Oil**

OF HIGH VITAMIN POTENCY

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**TRIBASIC PHOSPHATE of SODA****FREE. RUNNING WHITE POWDER**

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**THE YESTAMIN CO. (The English Grains Co. Ltd.) Shobnall Rd. Burton-on-Trent****TAMPAX****Sanitary Protection WORN INTERNALLY**Sole Distributors: Splendor Ltd., 5 Beestmarket Hill, Nottingham for Tampax  
Ltd., 10, Bolton St., London, W.1. Factory: Belvue Rd., Northolt, Middx.



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*Preparation of Liver*  
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Highly recommended for the treatment of Anæmia in all its forms.

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TELEPHONE: FULHAM 0037    TELEGRAMS: WHIFFEN LONDON

# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

JUNE 1  
1940

## IMPORTANT NOTICE

The enormously increased cost and compulsory restriction of paper supplies, together with heavy increase in postal rates, have necessitated a revision of our tariff for classified advertisements. Advertisers are asked to note carefully the new rates which are now operative.

## ADVERTISEMENT TARIFF

AGENCIES,  
GOODS FOR SALE,  
PARTNERSHIPS,  
PATENTS,  
PREMISES TO LET,  
FOR SALE or WANTED

7/6 for 36 words or less,  
2d. for every additional  
word.

LEGAL NOTICES,  
SALE BY AUCTION,  
TENDERS—AND ALL  
SPECIALLY SPACED  
ANNOUNCEMENTS

1/9 per nonpareil line.  
(12 lines = 1 inch, single  
column.)

BUSINESSES for  
DISPOSAL  
BUSINESSES WANTED  
SITUATIONS OPEN

7/6 for 40 words or less,  
2d. for every additional  
word.

MISCELLANEOUS SECTION  
(for Wholesalers, etc.),  
for odd and second-hand  
lots.

12/6 for 60 words or  
less, 1/- for every addi-  
tional 10 words or less.

EXCHANGE COLUMN { 2d. per word  
(for Retailers, etc.) { minimum 3/-

SITUATIONS { 2/6 for 18 words or less, 1d.  
WANTED { for every additional word.

BOX OFFICE NUMBER 1/- EXTRA

**All advertisements in this Supplement must be prepaid**

★ SPECIAL NOTE. Advertisements are accepted up to **FIRST POST THURSDAY MORNING** of Week of Issue.  
Any received too late will be inserted the following week

PLEASE MARK YOUR ENVELOPE "SMALL ADVERTISEMENT" AND ADDRESS TO

The Chemist & Druggist, 28 Essex St., Strand, London, W.C.2. Tele: Central 6565 (10 lines) Grams: "Chemicus" Estrand, London

Emergency Address: The Chemist & Druggist, The Pitman Press, Bath

## SUPPLY OF SUPPLEMENTS

These will still be supplied free (not more than six at a time) on receipt of post office wrappers STAMPED ONE PENNY.

Every Pharmacist should possess a copy  
of this **New Edition** of . . .

## THE ART OF DISPENSING

Re-written, completely revised, with fresh illustrations and new features—this is the most up-to-date book obtainable on the subject of dispensing and compounding. It is in fact an essential part of the equipment of every dispensary. Compiled by experts for the use of the Craft, it simplifies the many problems which frequently arise in the day's work at the dispensing counter.

This book is the recognised authority on the subject—it gives practical information in concise form. You need a copy if you are to keep abreast of present day pharmaceutical practice.

PRICE 10/6 11/- Post Free

Order from your usual wholesaler, or from the Publisher.

The  
CHEMIST AND DRUGGIST

28 ESSEX STREET, STRAND, LONDON, W.C.2





**THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED**  
**(Business Agency, Transfer & Valuation Department)**  
**KIMBERLEY HOUSE, and at 5 RUMFORD PLACE,**  
**Holborn Viaduct, LONDON, E.C.1 LIVERPOOL, 3.**  
**PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines)**  
**VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.**  
*Enquiries Invited.*

## TENDERS

### THOMAS CHARLES JONES, M.P.S.

Deceased

late of 21 Adare Street, Bridgend, Glamorgan, Chemist and Druggist.

The Executors of the Will of the above-named Deceased invite Tenders for the purchase, as a going concern, of the Business of a Chemist and Druggist, as carried on by him for many years past at the above address up to the date of his death on the 2nd day of April, 1940, and since by the Executors.

Included in the Sale will be: (1) The Freehold Business premises; (2) The Goodwill; (3) The Book debts of an approximate value of £150; and (4) The Stock-in-trade and Fixtures of an approximate value of £2,900, to be taken at valuation.

The certified Trading Accounts for the past three years, and also an Inventory of the stock-in-trade, may be inspected at the Offices of Mr. G. K. Singer, Chartered Accountant, Adare Street, Bridgend.

Sealed Tenders marked "Chemist" should be delivered to us, the undersigned, on or before the 17th day of June, 1940.

The highest or any Tender will not necessarily be accepted.

Dated this 28th day of May, 1940.

WALTER P. DAVID & SNAPE,

ADARE STREET, BRIDGEND,

Solicitors to the Executors.

## WANTED

**NATIONAL** Cash Till wanted, in good condition, with printer and total. Spot cash. No dealers. Full particulars and where seen to S. Painter, 60 Broughton Street, Battersea, S.W.8.

**SACCHARIN** 550 wanted, one-pound lots upwards; state quantity, price. 269/2, Office of this Paper.

**SPOT CASH** offered for Miniature and other Cameras, Still and Cine Projectors, Lanterns and accessories, etc. Single pieces or complete stocks purchased. Write particulars to Cyril Howe, Abbey Churchyard, Bath.

## AGENCIES

**MANUFACTURING** Chemists with connexion throughout country desire to take up additional lines. Apply 364/362, Office of this Paper.

## EXCHANGE COLUMN

### WANTED

**4 LBS.** Lemon, 2 Bergamot, 9 Bitter Orange; 4x1 Collapsible Aluminium Tubes, 1" Gilt Bottle caps. Sanovia, Brixton.

## SITUATIONS OPEN

### RETAIL (HOME)

**THORNTON HEATH.**—Qualified Assistant required in small limited company. Good Counterman and Window Dresser. Permanency. Write giving usual particulars of experience, age, salary required. 272/4 Office of this Paper.

**ASSISTANT.** Unqualified or young Qualified, required, either sex, for good-class Pharmacy in residential district near London. Please give usual particulars as regards age, experience, height, salary, etc., to Millar, 90 Wickham Road, Park Langley, Beckenham, Kent.

**LADY** Assistant as Dispenser in good-class business. Hall Qualification an asset. Particulars of age, experience, salary required, and references in first letter to V. Ross, Stonham & Son, Ltd., 70 Bank Street, Maidstone.

**MANAGER** about 25. Good references essential. Pleasant shop and situation. Apply Atkins, 53 East Hill, Wandsworth, London. Phone Battersea 1636.

**MANAGER.** Qualified for small modern Pharmacy. Permanency; Central London. Apply, "A," 366/412, Office of this Paper.

**QUALIFIED** Assistant required for good-class business, principally for Dispensing. Please give full particulars, including salary required, in first letter, and photograph if possible. H. R. Camplin, M.P.S., 5 West Street, Horsham.

**QUALIFIED** Assistant (permanency), also Temporary Assistant (qualification not essential), for three or four months. Give full particulars of experience, names of references, when disengaged, age and salary expected. Apply (letter only), "Chemist," 300 Amhurst Road, London, N.16.

**QUALIFIED** or Unqualified Assistant required, preferably gentleman (if Unqualified exempt military service) for business in safe area. Sound references required and full details experience, age, salary, and when free, together with photograph (returnable). 270/3, Office of this Paper.

**TEMPORARY** Pharmacist required for the duration of the war, for Emergency Medical Service Hospital. Salary £220 p.a. Three other Pharmacists employed. Apply, stating age, qualifications, and full particulars of experience, to The Medical Director, Hill End Hospital (St. Bartholomew's), Hill End, St. Albans.

**WANTED** as Manager for business with brisk family trade, competent, trustworthy man, not necessarily qualified. Must be energetic, with a knowledge of window dressing preferable. No dispensing. N.W. London. State age, experience, etc., 272/13, Office of this Paper.

**WANTED.** Qualified Male Assistant, must be good at Counter, N.H.I. Dispensing, Photographic, and Window-dressing. Good references essential, T.U. wages. Apply by letter, to Drug Dept., M. & S. Co-op. Society, Downing Street, Manchester.

## VACANCIES FOR LOCUMS

**MANCHESTER.**—Unqualified Assistant required for two weeks, starting June 10. Joseph Bell & Sons, Ltd., 91 Upper Brook Street, Manchester, 13.

**YORKSHIRE.**—Qualified Chemist required to undertake Relief Duties. Continuous employment during summer months. Possible permanency. Write 366/414, Office of this Paper.

## BURY INFIRMARY (LANCS)

Pharmacist required as locum from July 1st to 13th, and August 5th to 10th; wages £5 per week and travelling expenses. Applications in writing to the Superintendent.

**QUALIFIED** Locum required, to commence immediately, for period of one month. Also for June 24 to July 6. Please state terms and when free in first letter. J. T. Davy, Ltd., 128 Fore Street, Edmonton, N.18.

**TAYLORS BRITISH CHEMISTS**, require Qualified Relief Chemist for Northern territory. Letter of application should be sent to Staff Department, Taylors British Chemists, 70 Vauxhall Bridge Road, London, S.W.1.

## WHOLESALE

**AS PACKER AND WAREHOUSEMAN ON SLOUGH TRADING ESTATE.** Wanted, an experienced man above military age by manufacturing concern of Druggists' Sundries. Permanent job at fair pay assured. Apply to 366/411, Office of this Paper.

**S. W. LANCS.**—M.P.S. to take charge of small Wholesale Drug Department; either sex. Manufacturing experience an advantage. Full particulars, age, salary required, etc., to 269/9, Office of this Paper.

**INVOICE** Clerk required for London Wholesale Druggists. Write, stating experience, etc., 365/381, Office of this Paper.

**REPRESENTATIVES** already handling other branded lines and making regular calls on Chemists and Druggists are invited to apply in confidence to the Spirella Company of Great Britain, Ltd., Men's Belt Dept., Letchworth, Herts. Attractive terms.

**TABLET** Maker and Sugar Coater wanted, for London Wholesale Druggists. 365/382, Office of this Paper.

**UNQUALIFIED** Assistant (male), exempt military service, wanted immediately. Must be well experienced in the manufacture of Galenicals, etc., dispensing, and front counter. Apply with full particulars, stating salary required. Applications not answered within seven days respectfully declined. 272/7, Office of this Paper.

**WANTED**, experienced wet and dry Counter-men for E. London Manufacturing Chemists. Apply to 366/410, Office of this Paper.

## SITUATIONS WANTED

### RETAIL (HOME)

**ASSISTANT.** Unqualified, thoroughly reliable, used to high-class Dispensing, N.H.I. Photographic, seeks change, London or suburbs. "Statin," 11 Goldhurst Terrace, London, N.W.6.

**ALL-ROUND** Experienced Senior Assistant, unqualified (female), 26, seeks engagement London or suburbs. Specialise high-grade toilets. Excellent references. Archer, 21 Gainsborough Road, Felixstowe.

**BOOK-KEEPER** Dispenser. Lady (Hall), seeks post, retail or doctor. Twenty years' up-to-date experience London area. Robertson, 14 Haydon Close, Kingsbury, N.W.9.

**LADY** Dispenser, Hall certificate, requires post, permanent or temporary. Good testimonials. Stead, 137 Summergangs Road, Hull.

**PHARMACIST** (27), married, requires responsible position; experienced all branches. Exceptional Photographic Knowledge. Free one month. F. Higginbotham, 60 Arlington Drive, Macclesfield.



# ALL DRUG AND FINE CHEMICAL WORKERS SHOULD JOIN AT ONCE

## THE CHEMICAL WORKERS' UNION

Reg. T.U. No. 1696 - Founded 1912

**BENEFITS: Trade Protection, Legal Aid, Unemployment Benefit,  
Free Use of Employment Bureau**

WRITE FOR PARTICULARS: Arthur J. Gillian, Gen. Sec.,  
149 Newington Causeway, London, S.E.1

**UNQUALIFIED**, or as Drug Store Manager, seeks permanency North Wales. Abstainer; free June 10th; excellent references. Splendid experience. 269/5, Office of this Paper.

**WOMAN Pharmacist** seeks congenial post; Manageress, permanency. Not evacuated area. Free now. M.P.S., Westborough House Hostel, Maidstone.

**47**, Unqualified. West Country preferred with living accommodation, but consideration given any promising proposition. High Class and Hospital Experience. Free immediately. Davies, 28 High Street, Totnes, Devon.

### LOCUMS SEEKING ENGAGEMENTS

**F. B. DI MENNA**, M.P.S., open for locum work June 10-22, July 8 onwards. Over military age. Leeds and Bradford districts. 44 Fagley Road, Bradford.

**LOCUM Assistant**, etc., middle-aged, Unqualified. West End experience. Free now June; July 2 weeks. Little, 260 Sandycroft Road, Kew Gardens.

**LOCUM**; free shortly; £3 10s. Best Dispensing experience; photo, toilets, counter, etc.; tall, active, quick worker; accustomed sole charge. "A," 2 Ringwood Avenue, Croydon.

### WHOLESALE

**A POSITION** as Chemist in Wholesale or Manufacturing House required by well-educated Pharmacist. Ten years' wholesale experience; good knowledge of marketing; some commercial work not objected to. 265/3, Office of this Paper.

**EXPERIENCED Representative** seeks position with first-class ethical firm. Sound connexion in Wales and West of England. "Pharmacist," 272/12, Office of this Paper.

**PERFUMER**, over military age, twenty years' experience, capable of matching powders, creams, lotions, and soaps, seeks berth; keen buyer, take sole charge. Good Refs. 366/413, Office of this Paper.

**SALES Manager**. Over military age. Up-to-date experience sales and general business management. Good organiser. P.C.B., 341/2, Office of this Paper.

**TRAVELLER-PHARMACIST** above military age wishes to represent good firm, London or elsewhere, on good commission lines. D.M.P.S., 77 Blackheath Road, London, S.E.10.

### MISCELLANEOUS

**£?-COMPLETE CHEMIST FITTINGS** at any price you wish to pay. We have erected in our Showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

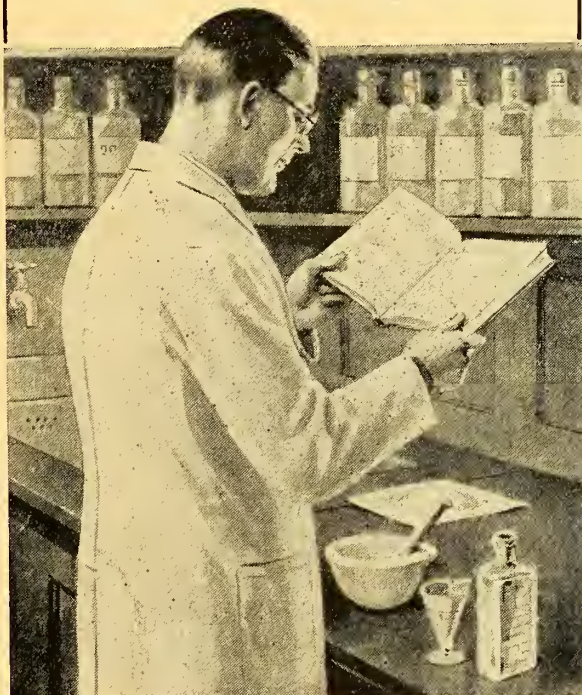
### LATE NEWS

**Re-opening of the Royal Exchange.**—From June 5 the Royal Exchange, London, E.C., will be opened from 3 to 3.30 p.m., and will continue to open every Wednesday thereafter until further notice for members of the drug, chemical and essential oil trades meet for discussion of matters of common interest.

**Safeguarding of Industries Order.**—The Safeguarding of Industries (Exemption) No. 7 Order, 1940, dated May 16, 1940, provides that such of the articles mentioned in the following schedule as are entered under the Customs Acts before May 27, 1940, or as have not been removed from a bonded warehouse before that date, shall be exempt from the duty imposed by Section 1 of the Safeguarding of Industries Act, 1921, as amended by the Finance Act, 1926, for a period ending on June 30, 1940. Schedule: Ortho-anisidine, ho-phenetidine, ortho-chlor-nitrobenzol, para-chlor-nitrobenzol.

**Export Licensing.**—The Board of Trade have made the Export Goods (Control) (No. 14) Order, 1940. This comes into force on June 6, and under it the following changes are made: (a) Licences in future be required for the export to any destination of acetic acid, ammonium perchlorate, and potassium perchlorate; (b) licences will in future be required for the export to certain destinations of gall nuts; (c) bifocal and trifocal spectacle lenses will no longer be subject to licence, either as optical glass or as optical instruments. Applications for licences should be made to the Export Licensing Department, Inveresk House, 346 Strand, W.C. The Order will be published by H.M. Stationery Office as S.R. and 1940, No. 807.

## NEW EDITION of an invaluable Book



# DISEASES and REMEDIES

1936  
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Post free 7/10

Revised and brought up to date, "Diseases and Remedies" provides a host of formulas which are in accordance with the foremost medical opinion. Reference is made easy and rapid by the alphabetical arrangement of diseases. Remedies and treatments are thus promptly found.

### The Chemists' complete guide to medicine as practised to-day

The age-old right of chemists to "counter prescribe" is preserved to them under section 19 (1) (c) of the Pharmacy and Poisons Act, 1933. "Diseases and Remedies" is invaluable in this connexion. It is equally indispensable to the chemist who wishes to keep abreast of modern tendencies and opinion in medicine.

You can secure a copy by return of post for remittance value 7s. 6d. to The Publisher

**THE CHEMIST AND DRUGGIST**  
218 ESSEX STREET, STRAND, LONDON, W.C.2

DR1



## EDINBURGH BRANCH ANNUAL MEETING

THE annual meeting of the Edinburgh Branch, Pharmaceutical Society, was held on May 13, Mr. James Henry (chairman) presiding. Mr. C. G. Drummond (secretary and treasurer), submitted the report and financial statement, indicating a successful session and satisfactory balance. In spite of the war, the usual number of general meetings had been held. On the motion of Mr. TAINSH, seconded by Mr. SUTHERLAND, these were adopted. The following office-bearers were then elected: James Henry, Galashiels, *Chairman*; J. H. Tainsh, Edinburgh, *Vice-Chairman*; Charles G. Drummond, 38 Grassmarket, Edinburgh, *Secretary and Treasurer*; *Committee*, Miss B. D. Geddes, Edinburgh; Messrs. W. A. Beattie, Edinburgh; James Carruthers, Edinburgh; John Gilmour, Dunfermline; A. E. Kelly, Edinburgh; J. B. Mitchell, Edinburgh; Peter Nisbet, Leith; Gordon Perrins, Edinburgh; J. C. Somerville, Edinburgh; John Stuart, Edinburgh; James R. Sutherland, Dalkeith; D. A. Welsh, Longniddry; and Thomas Wilson, Burntisland. The chairman, vice-chairman, secretary and Messrs. Nisbet and Somerville were appointed to represent the Branch at the London meeting of the British Pharmaceutical Conference.

### Address on N.H.I. Difficulties

An address on matters the subject of frequent inquiry by, or correspondence with, the Insurance Committee with individual chemists, was given by Mr. J. G. P. Stevenson, J.P. (Clerk and Treasurer, Insurance Committee for the Burgh of Edinburgh), who was introduced by the chairman.

Mr. Stevenson commented on the growth of the National Health Insurance service in Edinburgh. In 1922, the number of chemists on the Committee's list was 115, with 139 shops. Today the corresponding figures were 189 chemists, 247 shops. In 1922, total payments to chemists on the list amounted to about £9,000; in 1939 the figure exceeded £19,000. The speaker quoted a recent report by the Panel Committee on what prescriptions for expensive new remedies should be dispensed: "No rule can be laid down, and each case must be dealt with according to the circumstances. We realise that the insured person is entitled to the most adequate treatment, and that the expense of a remedy is no bar to its availability, provided it is required." At one time, all proprietaries were barred. Then the Committee tried allowing a few proprietaries in common use, such as vaseline. Later, it was decided to remove the ban on proprietaries and give the doctors a free hand, subject to the considerations that doctors should not resort to the use of a proprietary till ordinary remedies had been tried, and should use a recognised B.P. or B.P.C. equivalent if one existed, unless they had good reason for preferring the proprietary (as that the patient reacted better to the proprietary than to the equivalent). These were points for the doctor's consideration, and the position of the chemist was quite simple. He should dispense the prescription as written, and would be paid on that basis. Sometimes a chemist rang up on behalf of a doctor to ask whether a particular preparation was allowed. The answer was that an insured person was entitled to any drug his doctor considered necessary for his treatment, and if they heard of any such case the proper way to raise the question was to advise the insured person to apply to the Insurance Committee for a refund of the cost. Some chemists send in their bundles of prescriptions for pricing with the highest-numbered prescription on top. This should be avoided, because the first thing the Bureau did was to number prescriptions from the top downwards, and their numbers appeared in the statement of account alongside the prices allowed. If the bundle had been sent in with the highest number on top the numbers would differ from the Bureau's and there would be difficulty in checking the account. Out of 44,000 prescriptions sent in for one period only forty had required to be disallowed; the most frequently disallowed items were appliances not in the official list.

### Rewritten Prescriptions

Prescriptions printed with the name of some other Insurance Committee were disallowed practically every month. The forms were not returned to the chemists concerned but sent back to the Bureau for allowance after alteration of heading. Occasionally a prescription issued, say, in Aberdeen was dispensed in Edinburgh, and the Bureau disallowed the prescription because the doctor was not on the Edinburgh Committee's list. It was useless for the chemist to submit the form to the Aberdeen Committee, unless he did so through an Aberdeen chemist. The simplest way of regularising the prescription was to have it rewritten by an Edinburgh doctor. This required an Edinburgh address on the part of the insured person—a temporary address would do. The ordering of elastic adhesive

bandages or zinc-paste bandages under their proprietary name responsible for the disallowance of several prescriptions every month. These prescriptions were easily put right by having the rewritten under its correct official name and the information initiated by the doctor. "Repeat" prescriptions were forbidden by the National Health Insurance but sometimes issued by a deputing locum. If chemists dispensed such prescriptions they should state the ingredients and quantities and have the information initiated before the form was sent in. Delay in payment for all "postpaid" prescriptions was two months, not one.

In the course of the subsequent discussion Mr. DRUMMOND explained that, in regard to the hour of closing, many would like to continue the earlier closing. The Committee had decided that, if they could get the necessary vote in favour, would endeavour to secure a proper Closing Order. On inquiry, however, it had been found that they were not entitled to a Closing Order for hours earlier than 7 o'clock on weekdays, 8 o'clock on Saturdays. The Committee decided, therefore, to leave the matter in abeyance until September when, if earlier closing was instituted on account of further "black-out," an effort should be made to have the earlier closing then instituted made a permanent feature of the local pharmaceutical service.

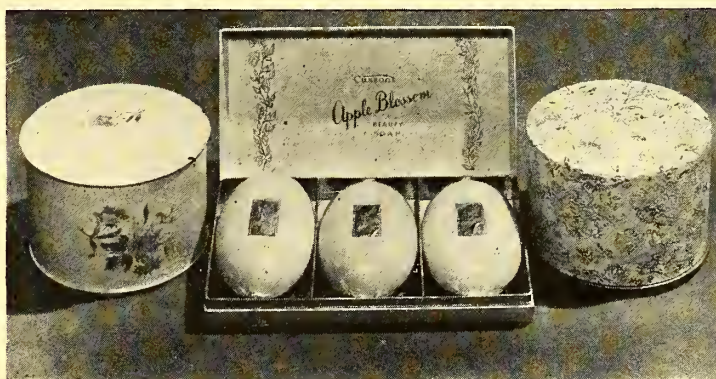
## WAR-TIME HORTICULTURAL BUSINESS

At the May meeting of the Huddersfield Chemists' Association Branch, Mr. Gerald Greenwood (vice-chairman of the Branch) gave a further talk on "Horticulture for the Chemist" (see also C. J. 1939, 1, 619). He said that, had times been happier, he would have discussed the more decorative side of horticulture, but under the circumstances would confine himself to the "Dig for Victory" side. The chemist could most usefully serve the community by close study of the chemicals used in gardening. BONE MEAL depended for its properties on its nitrogen and phosphorus content and was used as a general fertiliser and an ingredient for the potting of tomatoes and chrysanthemums; it would store under dry conditions. SUPERPHOSPHATE OF LIME was used for its phosphorus content to improve and increase root formation and was in demand for planting and sowing of peas. It formed a wet substance on soil which acted as a deterrent to birds and rodents. SODIUM NITRATE was employed for its nitrogen value, taking less calcium from soil than ammonium sulphate. POTASSIUM SULPHATE added quickness and finish to a crop. The affection known as stripe was due to potassium deficiency or possibly overfeeding of nitrogen. CALCIUM CYANAMIDE, one of the rarer gardening chemicals, was invaluable in accelerating the rate of decay when mixed with garden refuse, producing a useful manure. A light dusting of calcium cyanamide was used on gladioli bulbs in the first stages to keep down weeds. It should not be considered too heavy and dirty to stock, but chemists should put themselves in the position of the "gardener's chemist friend." In the category of manures were DRIED BLOOD, which was most successful and did not burn the plants; and HOP MANURE, which had for its main advantage the absence of weed content. Chemicals used to destroy disease and pests included, for treatment of club-mould, PERCHLORIDE OF MERCURY; for damping-off, CALOMEL DUST, a 4 per cent. mixture of subchloride of mercury with some inert diluent such as china clay; this was pushed into the earth around cabbages at the time of planting and the stems were smeared with it, a process repeated after seven to ten days to kill cabbage-root club; NAPHTHALENE FLAKE, which was sprinkled among carrots, about 2 oz. to the yard, during July and August to exterminate carrot fly, the treatment being repeated at ten-day intervals. Gardeners were reminded not to leave thinnings lying on the ground at singling time as they had a peculiar attraction for the carrot fly. DERRIS was almost the best insecticide, and was particularly effective for black and green aphids. NICOTINE SULPHATE, 98 per cent. and 40 per cent., were also used with excellent results. In the discussion after the address Mr. THOMPSON said that, through having followed Mr. Greenwood's advice given the previous year, he was doing a good business in horticultural chemicals. He asked if there was any better fumigant than tetrachlorethane and was recommended to try one of the cyanide preparations. Mr. PEEL asked if potassium sulphate was a good dressing for crops reaching maturity, but was told that the best time to use it to the best advantage was at thinning time. Mr. THOMPSON proposed a vote of thanks.



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